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## Revealed a second and the second and (ARP54674\_P050-FITC)

Data Sheet

Product Page         vsww.avisussbio.com/kpm3_ant/body=n_terminal-region_fite-arp54674_p050-fite.html           Name         KPNA3_Artbody=N-terminal-region_fite-arp54674_p050-fite.html           Name         KPNA3_Artbody=N-terminal-region_fite-arp54674_p050-fite.html           Protein Size (# AA)         521 amin ackts           Subunit         alpha-3           Conjugation         FTIC: Floorescein Isothiocyanate           NCBI Gene Id         3839           Host         Rabbit           Consulty         Polyckoral           Consentration         0.5 mg/ml           Gene Full Name         Kayopherin alpha 3 (inportin alpha 4)           Allas Symbols         SRP1, SRP1, JRNA, HOA4, ISRP1, SRP1 gamma           Peptide Sequence         APMPSLENHERKSEK/NK/GRDVFEIMRRHR/EVTYFEERK/KRDFHLLKK/RVY           Product Format         Liquid, Purited antbody supplied in 1x PIS buffer.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The turnsport of moleculars between the nucleus and the cytophasm in eukaryotic cells is mediated by the nuclear pore complex (NFC) which consists of 00-100 proteins and s probabity 120 million dalators in molecular size. Small molecular gam of all antapot or prosectices difficion, target of proteins of Xampot as a protein similar to certain nuclear transport proteins of Xampot as a protein similar to certain nuclear transport proteins of Xampotas and the cytopplasm in eukaryoris cells is mediated by the nuckar pore complex (NF	Due hard Marshan	ADDSACTA DOSO ETTO
Name         KPNA3 Anthody - N-terminal region : FITC (ARP54674_P050-FITC)           Protein Size (# AA)         521 amino acids           Subunit         dipha-3           Conjugation         FTC: Fluorescein Isothiceyanate           NCBI Gene Id         3839           Host         Rabbit           Concentration         0.5 mg/ml           Concentration         0.5 mg/ml           Concentration         0.5 mg/ml           Concentration         0.5 mg/ml           Gene Full Name         Kayopherin alpha 3 (importin alpha 4)           Alias Symbols         SRP1, SRP1, JRPA, JRP1 (SRP1, SRP1 gamma)           Synthetic peptide located within the following region: ADNEST. IntHIGS(SFNKOGRD)/FILMRRHIRKEY/CVP1RKN(RRH)/FILLKKRNV           Product Format         Liquid, Puriled antibody suppled in LX PBS buffer.           Reference         Singh, A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the mcleus and the cytoplasm in eukaryotic cells is mediated by the nuclear proc complex (NPC) which consists of 60-100 proteins and is probably 120 million dators in molecular size, Smull molecules (up to 70 kD) can pass through the nuclear prote sortic miceles are transport of proteins and is probably 120 million dators in molecular size, Smull molecules (up to 70 kD) can pass through the nuclear protein contrain molecular spece Size, Smull marking to Xempos and antic apha-3 may be involved in the nuclear margort systom The transport systom transport system The subarti	Product Number	ARP54674_P050-FITC
Protein Size (# AA)         521 arrino acids           Molecular Weight         584.ba           Subunit         alpha-3           Conjugation         HTC: Florescein Isothiocyanate           NCBI Gene Id         383.9           Host         Rabbit           Connentration         0.5 mg/ml           Gene Full Nume         Kayopherin alpha 3 (inportin alpha 4)           Allas Symbols         SRP1, SRP4, IPOA4, ISRP1, SRP1gamma           Peptide Sequence         Synthetic peptide located within the following region: APNPSI, ID-HTRIS/STRNG GROVETINGHRINKET/VELR/KIRDEHLLK/KRNY           Product Format         Lipaid, Purified antibody supplied in 1x PBS buffer.           Reference         Singh, A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the mckars and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dations in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore to prosteckrice diffision; targer molecules are transported by an active process. Most machar protein sontial to certain nuclear transport points of X-mores of the sindarities arrange of system. The transport of molecules between the nuclear brank and the cytoplasm in eukar bochzation signal (NLSS), KPNA3 is a protein sindar to event in nucker and the cytoplasm in exit wore cells is mediated by the nuclear transport system of the transport of State and proteins of X-mores State in any botic cells is mediated by the nuclear transport cells is mediated by the nuclear tr		
Molecular Weight         S8kDa           Subunit         apha-3           Conjugation         FTTC: Fhorescein Isothiceyanate           NCBI Gene Id         3839           Host         Rabbit           Connality         Polyclonal           Concentration         0.5 rig/ml           Gene IdI Name         Karyopherin alpha 3 (inportin alpha 4)           Alias Symbols         SRP1, SRP1, SRP1, SRP1, SRP1, SRP1, SRP1           Peptide Sequence         SinghA.P. (2007) Cell 131 (3), 492-504           Probite Format         Liquid. Purified antibody supplied in 1x PBS buffer.           Reference         SinghA.P. (2007) Cell 131 (3), 492-504           The transport of molecules between the rackets and the cytopkism in eukaryotic cells is mediated by the mackear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dators in molecular size, Small molecules (up to 7 RA) as a proteins contain short basic anrino acid sequences known as macker boalization signak (NLSs), KPNA3 is a protein sortain subtra to acriain macker transport system the transport system the transport system the transport system to basic soft the size and the cytopkism in eukaryotic cell is mediated by the nuckar pore complex (NPC), Which consists of 0-100 proteins and is probably 120 million dators in robeclars index and the cytopkism in eukaryotic cell is mediated by the nuckar pore complex (NPC), Which consists of 0-100 proteins support the ancker and the cytopkism in eukaryotic cell is mediated by the nuckar pore complex (NPC). Which consists of 0-100 proteins sinder to certain nuckera		
Subunit         alpha-3           Conjugation         FITC: Fluorescein Isothiocyanate           NCBI Gene Id         3839           Host         Rabbit           Consentration         0.5 mg/ml           Gene Full Name         Karyopherin alpha 3 (mportin alpha 4)           Atias Symbols         SRP1, SRP4, IPOA4, ISRP1, SRP1 gumma           Poptide Sequence         AlvPS1_ENNRGRDVFINRRHRNFVVLLRKNKRDHHLLKKRNV           Product Format         Liquid. Purified antibody sapplied in 1x PBS buffer.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 00-100 proteins and is probably 120 million dators in molecular size, Smm anuclear pores contain shot basis amino acid sequences known as nuclear tocalization signals (NLSs), KPNA3 is a protein similar to certain nuclear transport soft Xenopus and harman. The predicted arrino acid sequence shows similarly to Xenopus importin, yeard SRP1, and hurruru RCHI (KPNA2), negotive cells is mediated by the nuclear pore contain shot basis antino acid sequence shows similarly to Xenopus importin, yeard SRP1, and hurruru RCHI (KPNA2), negotive cells is mediated by the nuclear pore contain shot basis antio acid sequence shows similarly to Xenopus importin, yeard SRP1, and hurruru RCHI (KPNA2), negotive (NPC) which consists of CNCPO which consists of CN-100 proteins and is probably 120 million dators in molecular size. Smml molecular size, SNP1, and hurruru RCHI (KPNA2), negotive (NPC) which consists of CNCPO which consis in of CNCPO which consis	. ,	
Conjugation         FTC: Fluorescein Isothiocyanate           NCBI Gene Id         3839           Host         Rabbit           Conality         Polyclonal           Conneutration         0.5 rgyrnl           Gene Full Name         Karyopherin alpha 3 (mportin alpha 4)           Alias Symbols         SRP1, SRP4, IPOA4, hSRP1, SRP1gmmn           Peptide Sequence         Synthetic peptide located within the following region: APDPSIEINTRIKISEKINKGRDVFTVELEKINKRDEHLLKKRNV           Product Format         Liquid. Purified antibody supplied in 1x PBS buffler.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytophism in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of Col-100 proteins and is probably 120 million dators in molecular size. Small molecules (up to 70 kD) can pass through the nuclear proce by nonselective diffusion; larger molecules are incasported by an active process. Most nuclear proteins contain short basic anno acid sequences shows an a nuclear localization signals (NLSs), KPNA3 is a protein sortian short basic anno acid sequences shows an auxel actar transport system. The transport of molecules between the nuclear anaport system The transport system The transport system Protein sortians short basic anno acid sequences known as unclear transport system. The transport system (NPC) which consists of Ch-100 proteins similar to certan nuclear transport protein sortian signals (NLSs), KPNA3, encodes by RPNA3, encodes approximation and stransporte cells in meleara strasport proteins of sage NCPC), which consists of Ch-100 pro		
NCBI Gene Id       3839         Host       Rabbit         Concentration       0.5 mg/ml         Gene Full Name       Karyopherin alpha 3 (inportin alpha 4)         Alias Symbols       SRP1, SRP4, IPOA4, hSRP1, SRP1 gumma         Peptide Sequence       Synthetic peptide located within the following region: ACMPSLEMPRIKSEK/NKCRDVE/INRRHRMEM/VIEL/RK/NKRDEHLEK/RNV         Product Format       Liquid. Purified antibody supplied in 1x PBS buffer.         Reference       Singh.A.P., (2007) Cell 131 (3), 492-504         The transport of molecules between the nuclear and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dalons in molecules scient transported by an active process. Most nuclear pore by moreselective diffision; larger molecules are transported by an active process. Most nuclear pore by moreselective diffision; larger molecules are transported by an active process. Most nuclear pore torpus simpler to certain nuclear transport system in twoled in the nuclear intransport system. The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dalons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by noreselective diffusion; larger molecules are transport proteins of Xemopus and turns. The predicted amino acid sequence shows sinality to Xemopus inportin, yeast SRP1, and harun RCH1 (KPNA2), respectively. The similarities among these proteins contain short basic amino acid sequences known as nuclear localeadion signate (NLS9), KPNA3, encodes a protein simil		-
Host         Rabbit           Clonality         Polyclonal           Concentration         0.5 mg/ml           Gene Full Name         Karyopherin alpha 3 (inportin alpha 4)           Alias Symbols         SRP1, SRP4, IPOA4, hSRP1, SRP1gamma           Peptide Sequence         Synthetic peptide located within the following region: AENPS1ENHRIKSEKNKGRDVETMRRHRNEVTVELRKNKRDEHLIKKRNV           Product Format         Liquid. Purified antibody supplied in 1x PBS buffer.           Reference         Singl,A.P., (2007) Cell 131 (3), 492-504           The transport of nondecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dations in nokcular size. Small molecules (up to 70 kD) can pass through the nuckar pore to pronselective diffision, larger molecules are transported by an active process. Most nuckar proteins simaliry to Xenopus and humm. The predicted annin acid sequence shows simaliry to Xenopus inportiny yeast SPL, and human RCH1 (KPNA2), respectively. The similaritis among these proteins suggest that karyopherin alpha-3 may be involved in the nuckar transport proteins of Xenopus and human. RCH1 (KPNA2), respectively. The similaritis among the suprecises. Most nuclear proteins softs not basic amino acid sequences shows an nuclear by the nuckar pore by nonselective difficion, larger molecules are transported by an active proteins contain short basic amino acid sequences known as nuclear localization signats (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus inporint, yeast SRP1, and human RC		
Clonality         Polyclonal           Concentration         0.5 mg/ml           Gene Full Name         Karyopherin alpha 3 (inportin alpha 4)           Afias Symbols         SRP1, SRP4, IPOA4, fSRP1, SRP1 garma           Peptide Sequence         APINEL INFIRICSTEKINKGER/MIRINER/INFIRINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER/INTERINGER		
Concentration         0.5 mg/ml           Gene Full Name         Karyopherin alpha 3 (importin alpha 4)           Alias Symbols         SRP1, SRP4, IPOA4, hSRP1, SRP1gamma           Peptide Sequence         Synthetic peptide located within the following region: AENPSLENENKRKSRDVEITMRRHRNEVTVELRKNKRDEHLLKKRNV           Product Format         Liquid. Purified antibody supplied in 1x PBS buffer.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dators in molecular size. Small molecules (pt 07 ob L) can pass through the nuclear pore by moselective diffision, targer molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences shown as nuclear localization signals (NLSs). KPNA3 is a protein similar to certain nucleus SRP1, and human RCH1 (KPNA2), respectively. The sinflamities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport system. The transport of molecules between the nucleus and the cytoplasm in etakaryotic cells is mediated by the nuclear nucleus and the cytoplasm in etakaryotic cells is modelar size. Small molecules (up to 70 kD) can pass through the nuclear pore by norselective diffusion, larger molecules are transported by an active process. Most nuclear proteins is contain short basic amino acid sequences hown as nuclear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xeropus and human. The predicted amino acid sequence shows similarly to exporpts importin, yeaset SRP1, and human RCH1 (RCPNA2), respectively. The s	Host	Rabbit
Gene Full Name         Karyopherin alpha 3 (importin alpha 4)           Alias Symbols         SRP1, SRP4, IPOA4, hSRP1, SRP1gamma           Peptide Sequence         Synthetic peptide located within the following region: AENPSLENHRIKSFKNKGRDVETMRRHRNEVTVELRKNKRDEHLLKKRNV           Product Format         Liquid, Purified antbody supplied in 1x PBS buffer.           Reference         Singh,A.P. (2007) Cell 131 (3), 492-504           Reference         Singh,A.P. (2007) Cell 131 (3), 492-504           Descues (up to 70 kD) can pass through the mackear prote by nonselective diffusion, larger molecules are transported by an active process. Most mackear proteins contain short basic amino acid sequences known as nuckear localization signals (NLSs). KPNA3 is a protein similar to certain nuckear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importiny years SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuckear transport system. The transport of molecules between the nuckear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuckear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuckear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KENA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 may be involved in the nuckear transport system. Publication Note: This RefSeq record includes a subset of the publications that are avaibble for this gene. Please see the Entrez Gene record to access add	Clonality	Polyclonal
Alias Symbols         SRP1, SRP4, IPOA4, hSRP1, SRP1gamma           Peptide Sequence         Synthetic peptide located within the following region: AENPSLEWHRIKSFKNKGRDVETMRRHRNEVTVELRKNKRDEHLLKKRNV           Product Format         Liquid, Purified antbody supplied in 1x PBS buffer.           Reference         Singh, A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million datons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffision; larger molecules are transported by an active process. Most nuclear porte or sources inport in unclear transport proteins of X-mopus and human. The predicted amino acid sequence shows similarity to X-mopus inportin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport of molecules (up to 70 kD) can pass through the muckear pore to y norselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLS). KPNA3, encodes a protein similar to certain nuclear transport proteins of X-mopus and human. The predicted amino acid sequence some similarity to X-mopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 may be involved in the nuclear transport system. Publication Note: This RefSeq record includes a stober of the publications that are available for this gene. Plass escue the Emrez Gene record to access additional publications.           Protein Interactions	Concentration	0.5 mg/ml
Peptide Sequence         Synthetic peptide located within the following region: AENPSLENHRIKSFKNKGRDVETMRRHRNEVTVELRKNKRDEHLLKKRNV           Product Format         Liquid. Purified antibody supplied in 1x PBS buffer.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nuckus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dations in molecular size. Small molecules (up to 70 kD) can pass through the nucker pore by norsekcitve diffision; larger molecules are transported by an active process. Most nucker proteins contain short basic amino acid sequences known as nuckera localization signals (NLSs). KPNA3 is a protein similar to certain nucker transport proteins of X-enopus and human. The predicted amino acid sequence shows similarity to X-enopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 my be involved in the nuckear transport system. The transport of molecules between the nuckeus and the cytoplasm in eukaryotic cells is mediated by the nuckear pore complex (NPC) which consists of 00-100 proteins and is probably 120 million dations in molecular size. Small molecules (up to 70 kD) can pass through the nuclear forasport basic amino acid sequences known as nucker localization signals (NLSs). KPNA3, encodes a protein similar to certain nucker transport proteins of X-enopus and human. The predicted amino acid sequences shows similarity to X-enopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 my be involved in the nuckear transport system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the	Gene Full Name	Karyopherin alpha 3 (importin alpha 4)
Preprint         Sequence         AENPSLENHRIKSFKNKGRDVEIMRRHRNFVTVELRKNKRDEHLLKKRNV           Product Format         Liquid. Purified antibody supplied in 1x PBS buffer.           Reference         Singh,A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dattors in molecules size. Small molecules (up to 70 kD) can pass through the nuclear proteins contain short basis antino acid sequences known as nuclear transport proteins of Xenopus and human. The predicted atmino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins unclear transport proteins and is probably 120 million dattors in molecular size. Small noveled in the nuclear transport system. The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million dattors in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by norselective diffusion; larger molecules are transport by an active process. Most nuclear pore by norselective diffusion; larger molecules are transport doly an active proteins contain short basic amino acid sequences known as nuclear transport spretines and the cytoplasm in eukaryotic cells is modiated by the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.           Protein Interactions         TEX37; SLC5A11; APOL6; RPRD1A; ZCCHC10; MAT2B; NUP50; TSSC4; ZBTB24; DDX21; MTA1; HNRNPC; FTI; UMP; HSF1; UBC; MMS19; KPNA6; MCM6; MCM6; MCM4; HDAC1; UL122; NACC1; NFE212; MYOD1; GTF2H1; GATA6	Alias Symbols	SRP1, SRP4, IPOA4, hSRP1, SRP1gamma
Reference         Singh, A.P., (2007) Cell 131 (3), 492-504           The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million datons in molecules are transported by an active process. Most nuclear pore to by nonselective diffusion, larger molecules are transported by an active process. Most nuclear pore nortain short basic amino acid sequences known as nuclear transport of the nuclear transport of xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCHI (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport system. The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million datons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear proteins on succear pore to 70 kD) can pass through the nuclear protein solution basic amino acid sequences known as nuclear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequences shows similarity to Xenopus inportin, yeast SP1, and human RCH1 (KPNA2), respectively. The similarities arong these proteins suggests that karyopherin alpha-3 may be involved in the nuclear transport system. The similarities among the sequence shows similarity to xenopus inportin, yeast SP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 may be involved in the nuclear transport system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to acceses additional publications	Peptide Sequence	
The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear pore to monselective diffusion; larger molecules are transported by an active process. Most nuclear porter sources are most similar to certain nuckar transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport system. The transport of molecules between the nuckus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences shown as nuclear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 may be involved in the nuclear transport system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.         Protein Interactions       TEX37, SLCSA11; APOL6; RPRD1A; ZCCHC10; MAT2B; NUP50; TSSC4; ZBTB24; DDX21; MTA1; HNRNPC; FTI; MVP; HSF1; UBC; MMS19; KPNA6; MCM6; MCM4; HDAC1; U	Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by morselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA3 is a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport of molecules softween the nuclear any be involved in the nuclear transport of molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear pore by nonselective diffusion; larger molecules are transport dysten with curves and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear pore by nonselective diffusion; larger molecules are transport system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.Protein InteractionsTEX37; SLC5A11; APOL6; RPRD1A; ZCCHC10; MAT2B; NUP50; TSSC4; ZBTB24; DDX21; MTA1; HNRNPC; FTL; MVP; HSF1; UBC; MMS19; KPNA6; MCM6; MCM4; HDAC1; UL22; NACC1; NFF212; WYOD1; GTF2H1; GATA6; ERCC3; EPHA2; CBX5; TP53BP1; BARD1; ZNF131; COIL; CUL3; Ranbp2; MkiReconstitution and StorageAll conjugated antibodi	Reference	Singh, A.P., (2007) Cell 131 (3), 492-504
Protein InteractionsHNRNPC; FTL; MVP; HSF1; UBC; MMS19; KPNA6; MCM6; MCM4; HDAC1; UL122; NACC1; NFE2L2; MYOD1; GTF2H1; GATA6; ERCC3; EPHA2; CBX5; TP53BP1; BARD1; ZNF131; COIL; CUL3; Ranbp2; MkiReconstitution and StorageAll conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.Datasheets/ManualsPrintable datasheet for anti-KPNA3 (ARP54674_P050-FITC) antibody For anti-KPNA3 (ARP54674_P050-FITC) antibody is Catalog # AAP54674 (Previous Catalog # AAPP31465)ImmunogenThe immunogen is a synthetic peptide directed towards the N terminal region of human KPNA3	Description of Target	pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA3 is a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggest that karyopherin alpha-3 may be involved in the nuclear transport system The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecular size. Small molecules (up to 70 kD) and signals (NLSs). KPNA3 is a protein signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequences known as nuclear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequences known as nuclear localization signals (NLSs). KPNA3, encodes a protein similar to certain nuclear transport proteins of Xenopus and human. The predicted amino acid sequence shows similarity to Xenopus importin, yeast SRP1, and human RCH1 (KPNA2), respectively. The similarities among these proteins suggests that karyopherin alpha-3 may be involved in the nuclear transport system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Reconstitution and Storagealuminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.Datasheets/ManualsPrintable datasheet for anti-KPNA3 (ARP54674_P050-FITC) antibodyBlocking PeptideFor anti-KPNA3 (ARP54674_P050-FITC) antibody is Catalog # AAP54674 (Previous Catalog # AAPP31465)ImmunogenThe immunogen is a synthetic peptide directed towards the N terminal region of human KPNA3	Protein Interactions	HNRNPC; FTL; MVP; HSF1; UBC; MMS19; KPNA6; MCM6; MCM4; HDAC1; UL122; NACC1; NFE2L2; MYOD1; GTF2H1; GATA6; ERCC3; EPHA2; CBX5; TP53BP1; BARD1; ZNF131; COIL; CUL3;
Blocking Peptide       For anti-KPNA3 (ARP54674_P050-FITC) antibody is Catalog # AAP54674 (Previous Catalog # AAPP31465)         Immunogen       The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA3	Reconstitution and Storage	aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing
Immunogen         The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA3	Datasheets/Manuals	Printable datasheet for anti-KPNA3 (ARP54674_P050-FITC) antibody
	Blocking Peptide	For anti-KPNA3 (ARP54674_P050-FITC) antibody is <u>Catalog # AAP54674</u> (Previous Catalog # AAPP31465)
Uniprot ID 000505	Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA3
	Uniprot ID	000505

Protein Name	Importin subunit alpha-3
Sample Type Confirmation	KPNA3 is strongly supported by BioGPS gene expression data to be expressed in HepG2, MCF7 KPNA3 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	<u>NP_002258</u>
Purification	Affinity Purified
Nucleotide Accession #	<u>NM_002267</u>
Gene Symbol	KPNA3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 77%; Dog: 77%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%
Image 1	

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