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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54676_P050-FITC
Product Page	www.avivasysbio.com/kpna4-antibody-n-terminal-region-fitc-arp54676-p050-fitc.html
Name	KPNA4 Antibody - N-terminal region : FITC (ARP54676_P050-FITC)
Protein Size (# AA)	521 amino acids
Molecular Weight	58kDa
Subunit	alpha-4
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3840
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Karyopherin alpha 4 (importin alpha 3)
Alias Symbols	QIP1, SRP3, IPOA3
Peptide Sequence	Synthetic peptide located within the following region: K N K R D E H L L K R R N V P H E D I C E D S D I D G D Y R V Q N T S L E A I V Q N A S S D N Q G I
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Yeung,P.L., (2008) J. Cell. Biochem. 103 (2), 456-470
Description of Target	The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. KPNA4 shares the sequence similarity with Xenopus importin-alpha and Saccharomyces cerevisiae Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen. The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with Xenopus importin-alpha and Saccharomyces cerevisiae Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen. 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	HNRNPC; CYHR1; MAT2B; NUP50; PLAA; HSF1; UBC; LIN28A; rev; KPNA2; ACLY; SOX2; HDAC1; NACC1; CSNK2A1; AICDA; CBX5; APP; CUL3; DAXX; PARD3; ELAVL1; EXO1; CDKN1B; CUL4B; Ranbp2; Mki67; CTCF; MYC; TP53; H3F3A; RCC1; RAC1; RECQL; TGM2; KPNB1; CSE1L; ARRB2;
Reconstitution and Storage	All 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/Manuals	Printable datasheet for anti-KPNA4 (ARP54676_P050-FITC) antibody
Blocking Peptide	For anti-KPNA4 (ARP54676_P050-FITC) antibody is Catalog # AAP54676 (Previous Catalog # AAPP31467)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA4
Uniprot ID	O00629
Protein Name	Importin subunit alpha-4
Sample Type Confirmation	KPNA4 is supported by BioGPS gene expression data to be expressed in HeLa, MCF7
Protein Accession #	NP_002259
Purification	Affinity Purified

Nucleotide Accession #	NM_002268
Gene Symbol	KPNA4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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