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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP54679_P050-FITC
Product Page	www.avivasysbio.com/kpna5-antibody-c-terminal-region-fitc-arp54679-p050-fitc.html
Name	KPNA5 Antibody - C-terminal region : FITC (ARP54679_P050-FITC)
Protein Size (# AA)	539 amino acids
Molecular Weight	61kDa
Subunit	alpha-6
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3841
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Karyopherin alpha 5 (importin alpha 6)
Alias Symbols	SRP6, IPOA6
Peptide Sequence	Synthetic peptide located within the following region: TVMSDKIVQVALNGLNLRGQESKQNGIGINPYCALIEEAYGLDKIE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Singh,A.P., (2007) Cell 131 (3), 492-504
Description of Target	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 proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus. 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 proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus. 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	SPOPL; NUP50; ANP32B; IL32; UBC; KPNB1; ANP32A; BRMS1; CUL3; MEPCE; CDKN1B;
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-KPNA5 (ARP54679_P050-FITC) antibody
Blocking Peptide	For anti-KPNA5 (ARP54679_P050-FITC) antibody is Catalog # AAP54679 (Previous Catalog # AAPP31470)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KPNA5
Uniprot ID	O15131
Protein Name	Importin subunit alpha-6
Protein Accession #	NP_002260
Purification	Affinity Purified
Nucleotide Accession #	NM_002269

Gene Symbol	KPNA5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 86%; Rat: 86%; Zebrafish: 93%
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.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com