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Zuschläge

- Mindermengenzuschlag
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Product Number	ARP54879_P050-Biotin
Product Page	www.avivasysbio.com/kpna6-antibody-n-terminal-region-biotin-arp54879-p050-biotin.html
Name	KPNA6 Antibody - N-terminal region : Biotin (ARP54879_P050-Biotin)
Protein Size (# AA)	536 amino acids
Molecular Weight	60kDa
Subunit	alpha-7
Conjugation	Biotin
NCBI Gene Id	23633
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Karyopherin alpha 6 (importin alpha 7)
Alias Symbols	IPOA7
Peptide Sequence	Synthetic peptide located within the following region: STTGESVITREMVEMLFSDDSDLQLATTQKFRKLLSKEPSPPIDEVINTP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Singh,A.P., (2007) Cell 131 (3), 492-504
Description of Target	The import of proteins containing a nuclear localization signal (NLS) requires the NLS import receptor, a heterodimer of importin alpha and beta subunits also known as karyopherins. Importin alpha binds the NLS-containing cargo in the cytoplasm and importin beta docks the complex at the cytoplasmic side of the nuclear pore complex. In the presence of nucleoside triphosphates and the small GTP binding protein Ran, the complex moves into the nuclear pore complex and the importin subunits dissociate. Importin alpha enters the nucleoplasm with its passenger protein and importin beta remains at the pore. KPNA6 is a member of the importin alpha family. Nucleocytoplasmic transport, a signal- and energy-dependent process, takes place through nuclear pore complexes embedded in the nuclear envelope. The import of proteins containing a nuclear localization signal (NLS) requires the NLS import receptor, a heterodimer of importin alpha and beta subunits also known as karyopherins. Importin alpha binds the NLS-containing cargo in the cytoplasm and importin beta docks the complex at the cytoplasmic side of the nuclear pore complex. In the presence of nucleoside triphosphates and the small GTP binding protein Ran, the complex moves into the nuclear pore complex and the importin subunits dissociate. Importin alpha enters the nucleoplasm with its passenger protein and importin beta remains at the pore. The protein encoded by this gene is a member of the importin alpha family. 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	FRG1B; NUP50; UBC; NOP2; XRN2; rev; TTC1; PRKAR2A; LMNA; KPNA3; KPNA2; GFPT1; HDAC1; SKP2; CDKN1B; KPNB1; ZNF131; ANP32A; TAF9; CUL3; ELAVL1; KEAP1; Nipbl; Ddx21; Nhp21l; Mki67; CREBBP; RAC1; MEPCE; RELB; CSE1L; STAT1; BRCA1; STAT3; SPOP;
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-KPNA6 (ARP54879_P050-Biotin) antibody
Blocking Peptide	For anti-KPNA6 (ARP54879_P050-Biotin) antibody is Catalog # AAP54879 (Previous Catalog # AAPP31681)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA6
Uniprot ID	O60684
Protein Name	Importin subunit alpha-7

Protein Accession #	NP_036448
Purification	Affinity Purified
Nucleotide Accession #	NM_012316
Gene Symbol	KPNA6
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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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