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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54671_P050-Biotin
Product Page	www.avivasysbio.com/kpna1-antibody-n-terminal-region-biotin-arp54671-p050-biotin.html
Name	KPNA1 Antibody - N-terminal region : Biotin (ARP54671_P050-Biotin)
Protein Size (# AA)	538 amino acids
Molecular Weight	60kDa
Subunit	alpha-1
Conjugation	Biotin
NCBI Gene Id	3836
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Karyopherin alpha 1 (importin alpha 5)
Alias Symbols	RCH2, SRP1, IPOA5, NPI-1
Peptide Sequence	Synthetic peptide located within the following region: NMEMAPGGVITSDMIEMIFSKSPEQQLSATQKFRKLLSKEPNPPIDEVIS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Theodore,M., (2008) J. Biol. Chem. 283 (14), 8984-8994
Description of Target	Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. KPNA1 interacts with RAG1 and may play a role in V(D)J recombination. Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. The protein encoded by this gene interacts with RAG1 and may play a role in V(D)J recombination. 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	UBC; TAF9; CLK4; NUP50; ANP32B; XRN2; rev; TRMT61A; KCTD12; NPM1; GABPA; DCAF6; LIMCH1; HECW2; CLK3; HDAC2; HDAC1; GOPC; HDAC6; CRADD; LMO4; BCAR3; FOSL1; SKP2; ORC4; IL1RAP; AICDA; TP53BP1; KPNB1; RAG1; NOSIP; DCAF8; ANP32A; CAND1; COPS5; CUL1; CUL3; CUL
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-KPNA1 (ARP54671_P050-Biotin) antibody
Blocking Peptide	For anti-KPNA1 (ARP54671_P050-Biotin) antibody is Catalog # AAP54671 (Previous Catalog # AAPP31462)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA1
Uniprot ID	P52294
Protein Name	Importin subunit alpha-1
Protein Accession #	NP_002255
Purification	Affinity Purified
Nucleotide Accession #	NM_002264

Gene Symbol	KPNA1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
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%; Yeast: 77%; Zebrafish: 85%
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.

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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