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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53600_P050-HRP
Product Page	www.avivasysbio.com/ranbp5-antibody-n-terminal-region-hrp-arp53600-p050-hrp.html
Name	RANBP5 Antibody - N-terminal region : HRP (ARP53600_P050-HRP)
Protein Size (# AA)	1115 amino acids
Molecular Weight	125kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3843
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Importin 5
Alias Symbols	IMB3, Pse1, imp5, KPNB3, RANBP5
Peptide Sequence	Synthetic peptide located within the following region: GNNQWPEGLKFLFDSVSSQNVGLREAALHIFWNFPGIFGNQQQHLYLDVIK
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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. Interactions between importin beta and the FG repeats of nucleoporins are essential in translocation through the pore complex. The protein encoded by this gene is a member of the importin beta family.
Protein Interactions	HUWE1; UBC; STAU1; ASB15; HK2; HEXB; ATIC; MCTS1; TNFAIP8; EZR; UBA1; TXNRD1; FBXO6; BHLHB9; EGFR; MUC1; SOX2; NPM1; HDAC2; LAS1L; PELP1; WASL; VCAM1; MAP1LC3A; ITGA4; FN1; CFTR; RPL7; CA9; NOTCH1; IPO4; TNPO1; KPNB1; RAN; CUL3; ACD; TINF2; TERF1; BKRF1;
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-IPO5 (ARP53600_P050-HRP) antibody
Blocking Peptide	For anti-IPO5 (ARP53600_P050-HRP) antibody is Catalog # AAP53600 (Previous Catalog # AAPP44317)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RANBP5
Uniprot ID	O00410-3
Protein Name	Importin-5
Sample Type Confirmation	IPO5 is strongly supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_002262
Purification	Affinity Purified
Nucleotide Accession #	NM_002271
Gene Symbol	IPO5

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