

Rabbit KPNA4 Polyclonal Antibody | anti-KPNA4 antibody

KPNA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303091	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

KPNA4; Polyclonal Antibody; KPNA4 Antibody; Karyopherin alpha 4; Importin alpha 3; IPOA3; SRP3; QIP1; anti-KPNA4 antibody

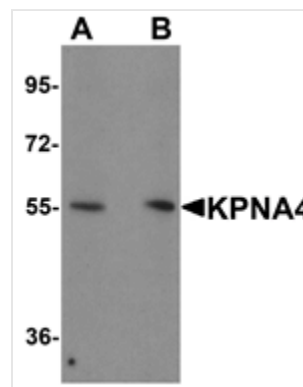
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	521
Applicable Applications for anti-KPNA4 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the amino terminus of human KPNA4.
Target Name	KPNA4
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of KPNA4 in HeLa cells with KPNA4 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of KPNA1 in Hela cell lysate with KPNA1 antibody at 1ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA4 antibody	Karyopherin, a cytosolic and heterodimeric protein complex consisting of alpha and beta subunits, is responsible for targeting proteins with nuclear localization signals to the nuclear pore complex by an energy requiring, Ran-dependent mechanism. The alpha subunit and imported substrate enter the nucleus and accumulate in the nucleoplasm, while the beta subunit accumulates at the NPC. Molecules containing the classical nuclear localization signal (NLS) are transported into the nucleus by alpha/beta heterodimers. KPNA3 has been shown to be important in the TNF-a-induced nuclear import of NF-kB. It is also involved in the stress-mediated nuclear stabilization of p53 and the nuclear import and replication of HIV-1 in both dividing and non-dividing cells.
Product Categories/Family for anti-KPNA4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119599038
NCBI GeneID	3840
Molecular Weight	57,887 Da
NCBI Official Full Name	karyopherin alpha 4 (importin alpha 3), isoform CRA_b
NCBI Official Synonym Full Names	karyopherin alpha 4 (importin alpha 3)
NCBI Official Symbol	KPNA4
NCBI Official Synonym Symbols	QIP1; SRP3; IPOA3
NCBI Protein Information	importin subunit alpha-3
UniProt Protein Name	Importin subunit alpha-3
UniProt Gene Name	KPNA4
UniProt Synonym Gene Names	QIP1; Qip1
UniProt Entry Name	IMA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kpna4-antibody-immunocytochemistry-western-blot-elisa/303091>