

Rabbit anti-Human KPNA5 Polyclonal Antibody | anti-KPNA5 antibody

KPNA5 Antibody

CATALOG # AAA231120	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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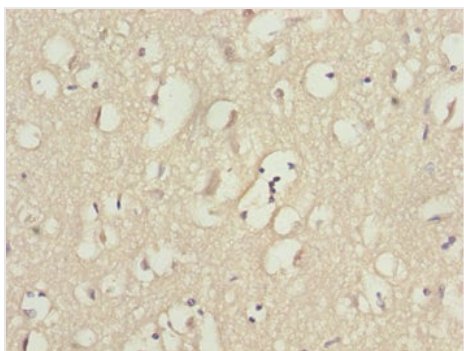
PRODUCT SYNONYMS

KPNA5; Polyclonal Antibody; KPNA5 Antibody; Importin subunit alpha-6; Karyopherin subunit alpha-5; anti-KPNA5 antibody

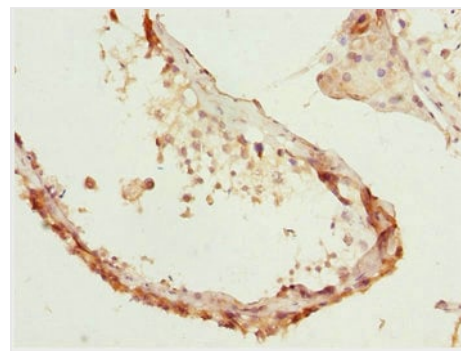
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	539
Applicable Applications for anti-KPNA5 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Importin subunit alpha-6 protein (N-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-68194 / sc-68195
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231120 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231120 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA5 antibody	Functions in nuclear protein import as an adapter protein for nuclear receptor KPNB1. Binds specifically and directly to substrates containing either a simple or bipartite NLS motif. Docking of the importin/substrate complex to the nuclear pore complex (NPC) is mediated by KPNB1 through binding to nucleoporin FxFG repeats and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to importin-beta and the three components separate and importin-alpha and -beta are re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran from importin. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. Mediates nuclear import of STAT1 homodimers and STAT1/STAT2 heterodimers by recognizing non-classical NLSs of STAT1 and STAT2 through ARM repeats 8-9. Recognizes influenza A virus nucleoprotein through ARM repeat 7-9 In vitro, mediates the nuclear import of human cytomegalovirus UL84 by recognizing a non-classical NLS.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39812229
NCBI GeneID	3841
NCBI Accession #	NP_002260.2
NCBI GenBank Nucleotide #	NM_002269.2
UniProt Accession #	O15131; Q86X23; B2RAI5
Molecular Weight	60,349 Da
NCBI Official Full Name	importin subunit alpha-6
NCBI Official Synonym Full Names	karyopherin subunit alpha 5
NCBI Official Symbol	KPNA5
NCBI Official Synonym Symbols	SRP6; IPOA6
NCBI Protein Information	importin subunit alpha-6
UniProt Protein Name	Importin subunit alpha-6
UniProt Gene Name	KPNA5
UniProt Entry Name	IMA6_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://stage.aaabiotech.com/polyclonal/kpna5-antibody-immunohistochemistry-elisa/231120>