

Rabbit KPNB1 Polyclonal Antibody | anti-KPNB1 antibody

KPNB1 Antibody

CATALOG # AAA305619	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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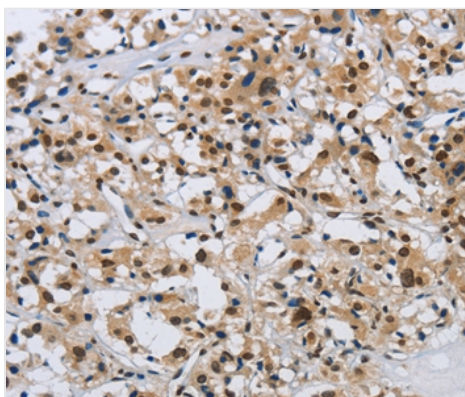
PRODUCT SYNONYMS

KPNB1; Polyclonal Antibody; KPNB1 Antibody; IMB1; IPO1; IPOB; Impnb; NTF97; anti-KPNB1 antibody

PRODUCT SPECIFICATIONS

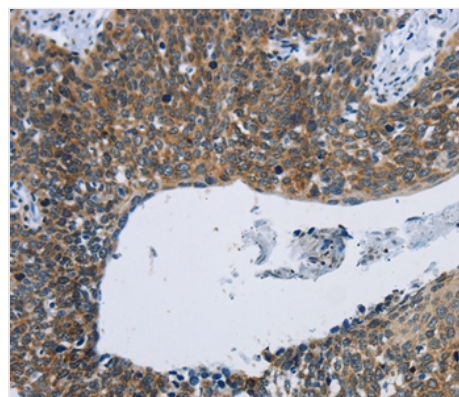
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KPNB1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.6 mg/ml (varies by lot)
Sequence Length	731
Applicable Applications for anti-KPNB1 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human karyopherin (importin) beta 1
Target Name	KPNB1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/40.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNB1 antibody	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.
Product Categories/Family for anti-KPNB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	449784879
NCBI GeneID	3837
NCBI Accession #	NP_001263382.1
NCBI GenBank Nucleotide #	NM_001276453.1
UniProt Accession #	Q14974; Q14637; Q53XN2; Q96J27; B7ZAV6; D3DTT3
Molecular Weight	81,179 Da
NCBI Official Full Name	importin subunit beta-1 isoform 2
NCBI Official Synonym Full Names	karyopherin (importin) beta 1
NCBI Official Symbol	KPNB1
NCBI Official Synonym Symbols	IMB1; IPO1; IPOB; Impnb; NTF97
NCBI Protein Information	importin subunit beta-1
UniProt Protein Name	Importin subunit beta-1
UniProt Gene Name	KPNB1
UniProt Synonym Gene Names	NTF97; PTAC97
UniProt Entry Name	IMB1_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/kpnb1-antibody-immunohistochemistry-elisa/305619>