

Rabbit KPNB1 Polyclonal Antibody | anti-KPNB1 antibody

KPNB1 Polyclonal Antibody

CATALOG # AAA167159	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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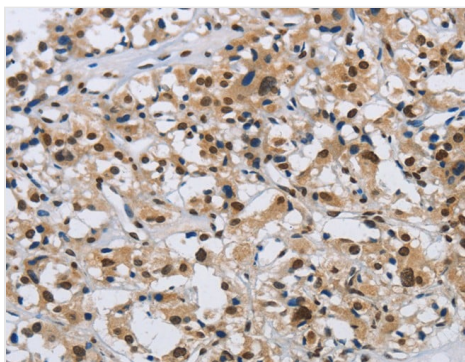
PRODUCT SYNONYMS

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

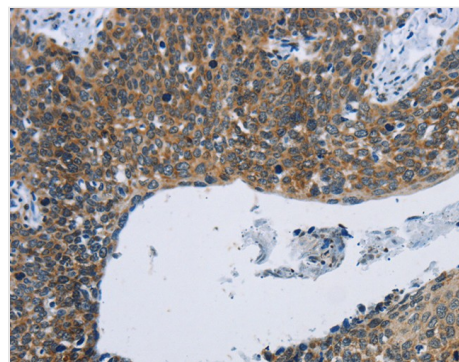
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.6mg/mL (varies by lot)
Sequence Length	34
Applicable Applications for anti-KPNB1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human KPNB1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using KPNB1 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using KPNB1 Polyclonal Antibody 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13278618
NCBI GeneID	16211
Molecular Weight	97,184 Da
NCBI Official Full Name	Kpnb1 protein
NCBI Official Synonym Full Names	karyopherin (importin) beta 1
NCBI Official Symbol	Kpnb1
NCBI Official Synonym Symbols	IPOB; Impnb; AA409963
NCBI Protein Information	importin subunit beta-1; PTAC97; SCG; importin beta; karyopherin subunit beta-1; nuclear factor p97; pore targeting complex 97 kDa subunit
UniProt Protein Name	Importin subunit beta-1
UniProt Gene Name	Kpnb1
UniProt Synonym Gene Names	Impnb; PTAC97
UniProt Entry Name	IMB1_MOUSE

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/167159>