

Rabbit Importin alpha 1 Polyclonal Antibody | anti-KPNA1 antibody

Anti-Importin alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262653	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Importin alpha 1; Polyclonal Antibody; Anti-Importin alpha 1 Antibody; RCH2; Importin subunit alpha-5; Karyopherin subunit alpha-1; Nucleoprotein interactor 1; NPI-1; RAG cohort protein 2; SRP1-beta; anti-KPNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Importin alpha 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	538
Applicable Applications for anti-KPNA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Importin alpha 1
Preparation and Storage	Upon delivery, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



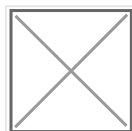
IF (Immunofluorescence)

Immunofluorescent analysis of Importin alpha 1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Importin alpha 1 staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Importin alpha 1 expression in HepG2 (A), Hela (B), A549 (C), mouse brain (D), mouse heart (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA1 antibody	Rabbit polyclonal antibody to Importin alpha 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222144293
NCBI GeneID	3836
NCBI Accession #	NP_002255.3
NCBI GenBank Nucleotide #	NM_002264.3
UniProt Accession #	P52294; Q6IBQ9; Q9BQ56; D3DN93
NCBI Official Full Name	importin subunit alpha-5
NCBI Official Synonym Full Names	karyopherin subunit alpha 1
NCBI Official Symbol	KPNA1
NCBI Official Synonym Symbols	RCH2; SRP1; IPOA5; NPI-1
NCBI Protein Information	importin subunit alpha-5
UniProt Protein Name	Importin subunit alpha-5
UniProt Gene Name	KPNA1
UniProt Synonym Gene Names	RCH2; NPI-1
UniProt Entry Name	IMA5_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/importin-alpha-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/262653>