

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

KPNA5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39820	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

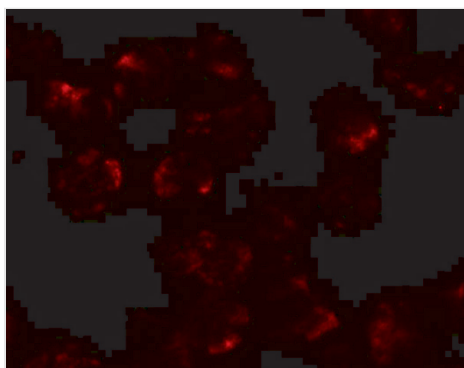
PRODUCT SYNONYMS

KPNA5; Polyclonal Antibody; KPNA5 Antibody; SRP6; IPOA6; Importin subunit alpha-6; Karyopherin subunit alpha-5; karyopherin alpha 5 (importin alpha 6); anti-KPNA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	KPNA5 antibody is predicted to not cross-react with other Importin alpha family members.
Purity/Purification	KPNA5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	536
Applicable Applications for anti-KPNA5 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KPNA5 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human KPNA5.
Buffer	KPNA5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KPNA5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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



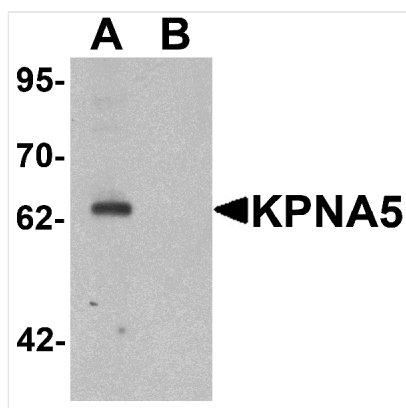
IF (Immunofluorescence)

Immunofluorescence of KPNA5 in EL4 cells with KPNA5 antibody at 20 µg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of KPNA5 in EL4 cells with KPNA5 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of KPNA6 in EL4 cell lysate with KPNA5 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA5 antibody

KPNA5 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 (NPC) 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. KPNA5 belongs to a subfamily within the KPNA family that also includes KPNA4 and 6 and is thought to be involved in NLS-dependent protein import into the nucleus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55664992
NCBI GeneID	3841
UniProt Accession #	O60684; Q5VVU3; B2RDC7; D3DPP5; O15131
Molecular Weight	60,030 Da
NCBI Official Synonym Full Names	karyopherin alpha 5 (importin alpha 6)
NCBI Official Symbol	KPNA5
NCBI Official Synonym Symbols	SRP6; IPOA6
NCBI Protein Information	importin subunit alpha-6
UniProt Protein Name	Importin subunit alpha-7
UniProt Gene Name	KPNA6
UniProt Synonym Gene Names	IPOA7
UniProt Entry Name	IMA7_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-immunofluorescence-immunocytochemistry-western-blot-elisa/39820>