

Rabbit KPNA6 Polyclonal Antibody | anti-KPNA6 antibody

KPNA6 Antibody

CATALOG # AAA39729	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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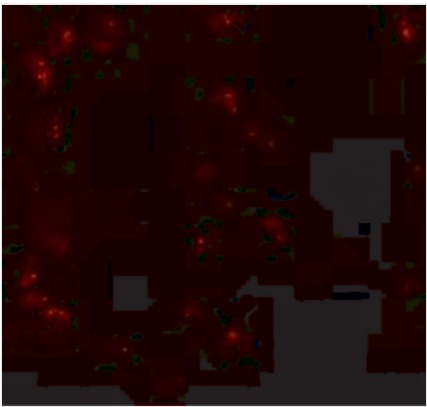
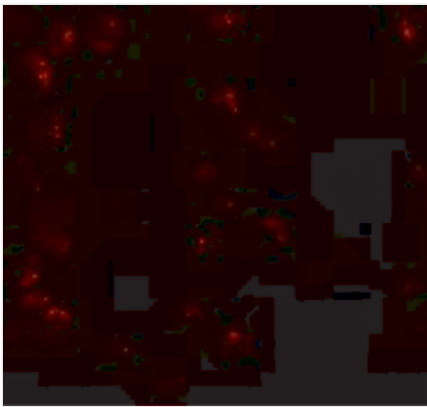
PRODUCT SYNONYMS

KPNA6; Polyclonal Antibody; KPNA6 Antibody; IPOA7; KPNA7; Importin subunit alpha-7; Karyopherin subunit alpha-6; karyopherin alpha 6 (importin alpha 7); anti-KPNA6 antibody

PRODUCT SPECIFICATIONS

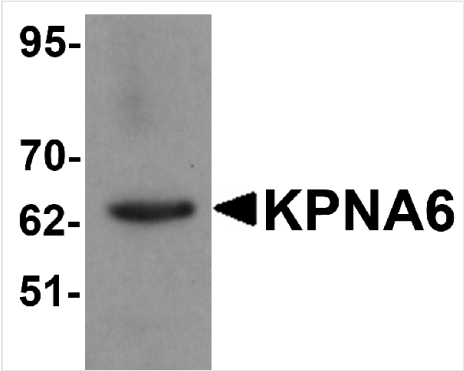
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	KPNA6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	536
Applicable Applications for anti-KPNA6 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Homology	Predicted species reactivity bases on immunogen sequence : Bovine (92%)
Conjugate	Unconjugated
Immunogen	KPNA6 antibody was raised against a 13 amino acid synthetic peptide near the amino terminus of human KPNA6. The immunogen is located within amino acids 70-120 of KPNA6.
Buffer	KPNA6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KPNA6 antibody can be stored at 4°C for three months and -20°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 KPNA6 in 293 cells with KPNA6 antibody at 20 μg/mL.

IF (Immunofluorescence)
Immunofluorescence of KPNA6 in 293 cells with KPNA6 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of KPNA6 in 293 cell lysate with KPNA6 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA6 antibody

KPNA6 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. KPNA6 belongs to a subfamily within the KPNA family that also includes IPOA5&6. Down-regulation of KPNA6 by RNAi expression in HeLa cells strongly inhibited cell proliferation, possibly due to blocking the nuclear import of specific factors essential for cell growth and proliferation. KPNA6 also interacts with the Rev protein of HIV-1 and promote its nuclear import.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55664992
NCBI GeneID	23633
UniProt Accession #	O60684; Q5VVU3; B2RDC7; D3DPP5
NCBI Official Synonym Full Names	karyopherin alpha 6 (importin alpha 7)
NCBI Official Symbol	KPNA6
NCBI Official Synonym Symbols	IPOA7; KPNA7
NCBI Protein Information	importin subunit alpha-7
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://www.aaabiotech.com/polyclonal/kpna6-antibody-immunofluorescence-western-blot-elisa/39729>