

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

Rabbit Polyclonal to Human KPNA5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52449	Rabbit	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

KPNA5; Polyclonal Antibody; Rabbit Polyclonal to Human KPNA5; Anti-KPNA5 Antibody (N-Terminus) IHC-plus; Importin subunit alpha-6; Karyopherin subunit alpha-5; IPOA6; Importin alpha 6; SRP6; Human KPNA5; anti-KPNA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human KPNA5. KPNA5 antibody is predicted to not cross-react with other Importin alpha family members.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	539
Applicable Applications for anti-KPNA5 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	An 18 amino acid peptide near the amino terminus of human KPNA5
Immunogen Type	Synthetic peptide
Antigen Modification	N-Terminus
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES



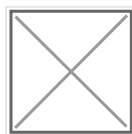
WB (Western Blot)

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



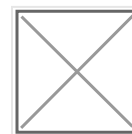
ICC (Immunocytochemistry)

Immunocytochemistry of KPNA5 in EL4 cells with KPNA5 antibody at 5 ug/ml.



IF (Immunofluorescence)

Immunofluorescence of KPNA5 in EL4 cells with KPNA5 antibody at 20 ug/ml.



IHC (Immunohistochemistry)

Anti-KPNA5 antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA5 antibody	The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39812229
NCBI GeneID	3841
NCBI Accession #	NP_002260.2
NCBI GenBank Nucleotide #	NM_002269.2
UniProt Accession #	O15131; Q86X23; B2RAI5
Molecular Weight	60,349 Da
NCBI Official Full Name	importin subunit alpha-6
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; importin alpha 6; karyopherin subunit alpha-5
UniProt Protein Name	Importin subunit alpha-6
UniProt Gene Name	KPNA5
UniProt Entry Name	IMA6_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.