

Rabbit anti-Human karyopherin alpha 2 Polyclonal Antibody | anti-KPNA2 antibody

karyopherin alpha 2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303958	Rabbit	Human	Immunofluorescence, Western Blot

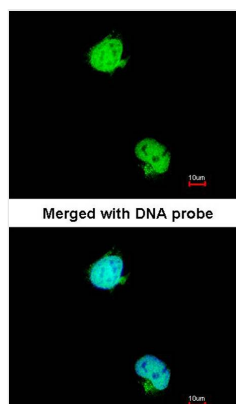
PRODUCT SYNONYMS

karyopherin alpha 2; Polyclonal Antibody; karyopherin alpha 2 antibody; QIP2; RCH1; IPOA1; SRP1alpha; anti-KPNA2 antibody

PRODUCT SPECIFICATIONS

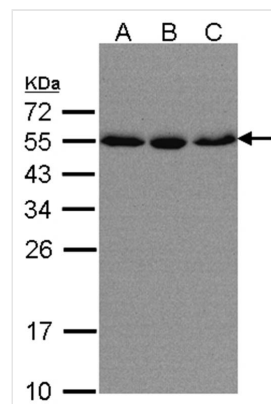
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	529
Applicable Applications for anti-KPNA2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 468 and 529 of karyopherin alpha 2
Target Name	karyopherin alpha 2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using karyopherin alpha 2 antibody at 1: 200 dilution.



Application Data

Sample(30 ug of whole cell lysate)A: HeLa S3B: Hep G2C: MOLT410% SDS PAGEPrimary antibody diluted at 1: 500

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA2 antibody	The import of proteins into the nucleus is a process that involves at least 2 steps. The first is an energy-independent docking of the protein to the nuclear envelope and the second is an energy-dependent translocation through the nuclear pore complex. Imported proteins require a nuclear localization sequence (NLS) which generally consists of a short region of basic amino acids or 2 such regions spaced about 10 amino acids apart. Proteins involved in the first step of nuclear import have been identified in different systems. These include the Xenopus protein importin and its yeast homolog, SRP1 (a suppressor of certain temperature-sensitive mutations of RNA polymerase I in Saccharomyces cerevisiae), which bind to the NLS. KPNA2 protein interacts with the NLSs of DNA helicase Q1 and SV40 T antigen and may be involved in the nuclear transport of proteins. KPNA2 also may play a role in V(D)J recombination [provided by RefSeq]
Product Categories/Family for anti-KPNA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504897
NCBI GeneID	3838
NCBI Accession #	NP_002257
NCBI GenBank Nucleotide #	NM_002266.2
Molecular Weight	57,862 Da
NCBI Official Full Name	importin subunit alpha-1
NCBI Official Synonym Full Names	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)
NCBI Official Symbol	KPNA2
NCBI Official Synonym Symbols	QIP2; RCH1; IPOA1; SRP1alpha
NCBI Protein Information	importin subunit alpha-1
UniProt Protein Name	Importin subunit alpha-1
UniProt Gene Name	KPNA2
UniProt Synonym Gene Names	RCH1; SRP1
UniProt Entry Name	IMA1_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/karyopherin-alpha-2-antibody-immunofluorescence-western-blot-elisa/303958>