

Rabbit KPNA4 Polyclonal Antibody | anti-KPNA4 antibody

KPNA4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200398	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

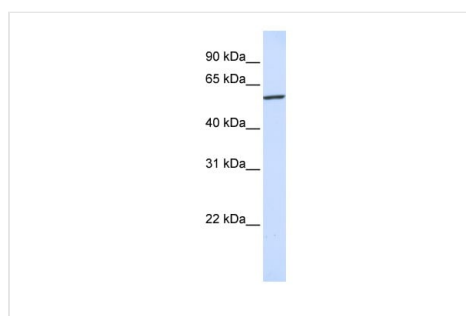
PRODUCT SYNONYMS

KPNA4; Polyclonal Antibody; KPNA4 antibody - N-terminal region; anti-KPNA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KN KRDEHLLKRR NVPHEDICED SDIDG DYRVQ NTSLEAIVQN ASSDNQGI
Sequence Length	521
Applicable Applications for anti-KPNA4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

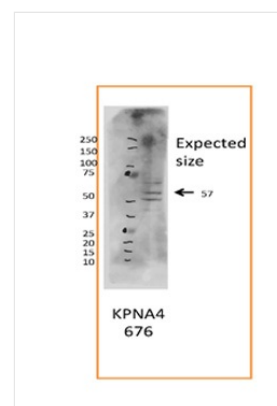
IMAGES



WB (Western Blot)

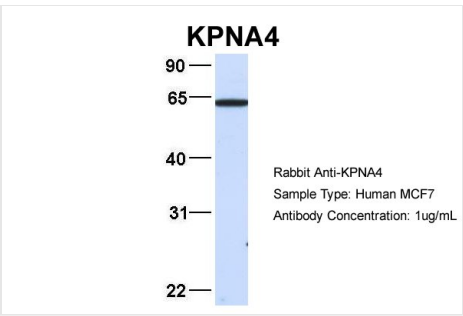
WB Suggested Anti-KPNA4 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:1562500 Positive

Control: HeLa cell lysate KPNA4 is supported by BioGPS gene expression data to be expressed in HeLa



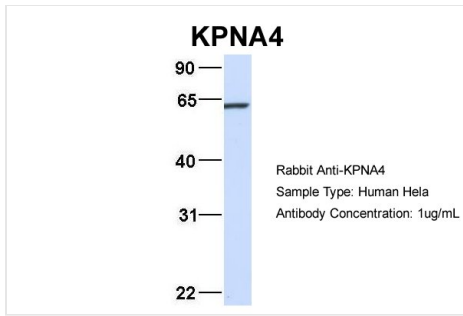
WB (Western Blot)

KPNA4 antibody - N-terminal region validated by WB using Neuro 2A Cells at 1:500.



WB (Western Blot)

Host: RabbitTarget Name: KPNA4Sample Type: MCF7Antibody Dilution: 1.0ug/mlKPNA4 is supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)

Host: RabbitTarget Name: KPNA4Sample Type: HeLaAntibody Dilution: 1.0ug/mlKPNA4 is supported by BioGPS gene expression data to be expressed in HeLa

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA4 antibody	This is a rabbit polyclonal antibody against KPNA4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. KPNA4 shares the sequence similarity with Xenopus importin-alpha and Saccharomyces cerevisiae Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen.The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with Xenopus importin-alpha and Saccharomyces cerevisiae Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-KPNA4 antibody	Polyclonal; Chromatin & Nuclear Signaling; Signal Transduction; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504901
NCBI GeneID	3840
NCBI Accession #	NP_002259
NCBI GenBank Nucleotide #	NM_002268
UniProt Accession #	O00629
Molecular Weight	58kDa
NCBI Official Full Name	importin subunit alpha-3
NCBI Official Synonym Full Names	karyopherin subunit alpha 4
NCBI Official Symbol	KPNA4
NCBI Official Synonym Symbols	QIP1; SRP3; IPOA3
NCBI Protein Information	importin subunit alpha-3
UniProt Protein Name	Importin subunit alpha-3
UniProt Gene Name	KPNA4
UniProt Synonym Gene Names	QIP1; Qip1
UniProt Entry Name	IMA3_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/kpna4-antibody-western-blot-elisa/200398>