

Rabbit KPNA1 Polyclonal Antibody | anti-KPNA1 antibody

KPNA1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200395	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

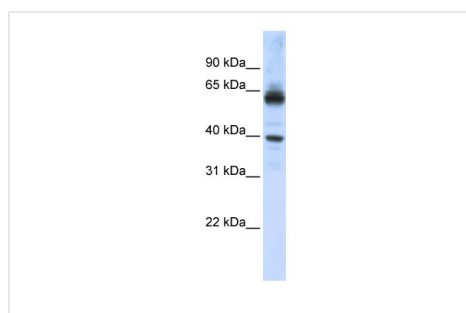
PRODUCT SYNONYMS

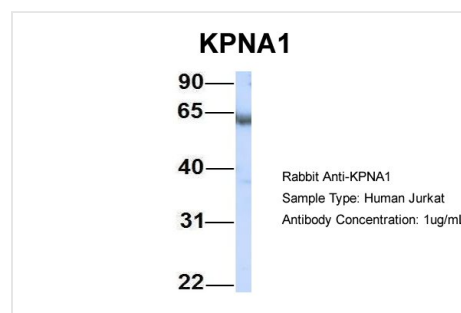
KPNA1; Polyclonal Antibody; KPNA1 antibody - N-terminal region; anti-KPNA1 antibody

PRODUCT SPECIFICATIONS

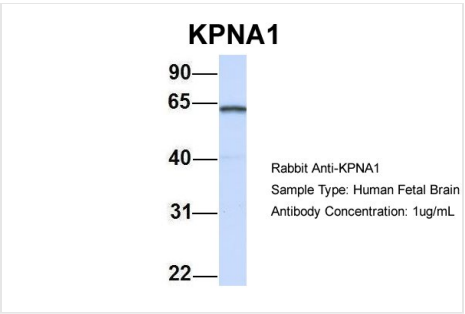
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NM EMAPGGVITS DMIEMIFSKS PEQQLSATQK FRKLLSKEPN PPIDEVIS
Sequence Length	538
Applicable Applications for anti-KPNA1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 77%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KPNA1
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)

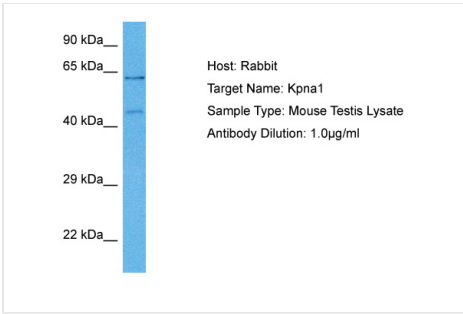
WB Suggested Anti-KPNA1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: KPNA1
Sample Type: Jurkat
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: KPNA1Sample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: MouseTarget Name: KPNA1Sample Tissue: Mouse TestisAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA1 antibody	This is a rabbit polyclonal antibody against KPNA1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. KPNA1 interacts with RAG1 and may play a role in V(D)J recombination.Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. The protein encoded by this gene interacts with RAG1 and may play a role in V(D)J recombination. 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-KPNA1 antibody	Polyclonal; Various; DNA Damage & Repair; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	222144293
NCBI GeneID	3836
NCBI Accession #	NP_002255
NCBI GenBank Nucleotide #	NM_002264
UniProt Accession #	P52294
Molecular Weight	60kDa
NCBI Official Full Name	importin subunit alpha-5
NCBI Official Synonym Full Names	karyopherin subunit alpha 1
NCBI Official Symbol	KPNA1
NCBI Official Synonym Symbols	RCH2; SRP1; IPOA5; NPI-1
NCBI Protein Information	importin subunit alpha-5
UniProt Protein Name	Importin subunit alpha-5
UniProt Gene Name	KPNA1
UniProt Synonym Gene Names	RCH2; NPI-1
UniProt Entry Name	IMA5_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/kpna1-antibody-western-blot-elisa/200395>