

Rabbit anti-Human Karyopherin Alpha 2 (KPNa2) Polyclonal Antibody | anti-KPNa2 antibody

Polyclonal Antibody to Karyopherin Alpha 2 (KPNa2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133116	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Karyopherin Alpha 2 (KPNa2); Polyclonal Antibody; Polyclonal Antibody to Karyopherin Alpha 2 (KPNa2); anti-KPNa2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KPNa2. It has been selected for its ability to recognize KPNa2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and its sequence is listed below. MGSS HHHHHHSSGL VPRGSHMASM TGGQQMGRGS EF-AVVDGGA IPAFISLLAS PHAHISEQAV WALGNIAGDG SVFRDLVIKY GAVDLLALL AVPDMSSLAC GYLRLTWTL SNLCRNKNPA PPIDAVEQIL PTLVRLHHD DPEVLADTCW AISYLTGPN ERIGMVVKTG VVPQLVKLLG ASELPIVTPA LRAIGNIVTG TDEQTQVVID AGALAVFPSL LTNPKTNIQK EATWTMSNIT AGRQDQIQV VNHGLVPFLV SVLSKADFKT QKEAVWAVTN YTSGGTVEQ
Sequence Length	529
Applicable Applications for anti-KPNa2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant KPNa2 (Ala157~Gln412) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate;;Lane 2: KPNa2 knockout HepG2 cell lysate;;Predicted MW: 58kDa ;Observed MW: 58kDa;Primary Ab: 3ug/ml Rabbit Anti-Human KPNa2 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant KPNa2, Human.



WB (Western Blot)

Western Blot: Lane1: Human HepG2 Cells; Lane2: Human 293T Cells; Lane3: Human Raji Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KPNa2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1002341781
NCBI GeneID	3838
NCBI Accession #	NP_001307540.1
NCBI GenBank Nucleotide #	NM_001320611.1
UniProt Accession #	P52292; Q53YE3; Q6NVW7; Q9BRU5; B9EJD6
Molecular Weight	57,862 Da
NCBI Official Full Name	importin subunit alpha-1
NCBI Official Synonym Full Names	karyopherin subunit alpha 2
NCBI Official Symbol	KPNA2
NCBI Official Synonym Symbols	QIP2; RCH1; IPOA1; SRP1alpha; SRP1-alpha
NCBI Protein Information	importin subunit alpha-1
UniProt Protein Name	Importin subunit alpha-1
UniProt Gene Name	KPNA2
UniProt Synonym Gene Names	RCH1; SRP1

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.