

Rabbit anti-Human, Rat KIF5B Polyclonal Antibody | anti-KIF5B antibody

KIF5B Antibody

CATALOG # AAA233947	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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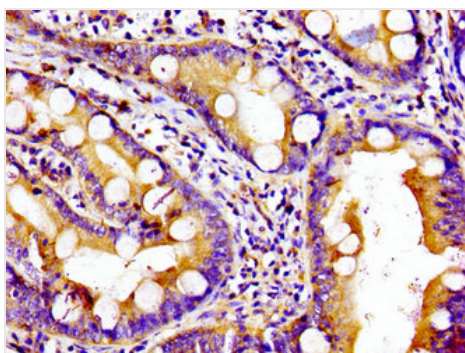
PRODUCT SYNONYMS

KIF5B; Polyclonal Antibody; KIF5B Antibody; Kinesin-1 heavy chain; Conventional kinesin heavy chain; Ubiquitous kinesin heavy chain; UKHC; KNS; KNS1; anti-KIF5B antibody

PRODUCT SPECIFICATIONS

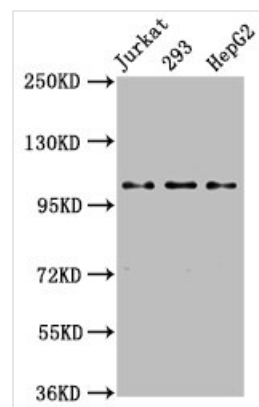
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	963
Applicable Applications for anti-KIF5B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Kinesin-1 heavy chain protein (338-514AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA233947 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Jurkat whole cell lysate, 293 whole cell lysate, HepG2 whole cell lysate. All lanes: KIF5B antibody at 3.2ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 110 KDa. Observed band size: 110 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF5B antibody	Microtubule-dependent motor required for normal distribution of mitochondria and lysosomes. Can induce formation of neurite-like membrane protrusions in non-neuronal cells in a ZFYVE27-dependent manner (By similarity). Regulates centrosome and nuclear positioning during mitotic entry. During the G2 phase of the cell cycle in a BICD2-dependent manner, antagonizes dynein function and drives the separation of nuclei and centrosomes (PubMed:20386726).
Product Categories/Family for anti-KIF5B antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758648
NCBI GeneID	3799
NCBI Accession #	NP_004512.1
NCBI GenBank Nucleotide #	NM_004521.2
UniProt Accession #	P33176; Q5VZ85; A0AVB2
Molecular Weight	109,685 Da
NCBI Official Full Name	kinesin-1 heavy chain
NCBI Official Synonym Full Names	kinesin family member 5B
NCBI Official Symbol	KIF5B
NCBI Official Synonym Symbols	KNS; KINH; KNS1; UKHC; HEL-S-61
NCBI Protein Information	kinesin-1 heavy chain
UniProt Protein Name	Kinesin-1 heavy chain
UniProt Gene Name	KIF5B
UniProt Synonym Gene Names	KNS; KNS1; UKHC

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/kif5b-antibody-immunohistochemistry-western-blot-elisa/233947>