

Rabbit KIF1C Polyclonal Antibody | anti-KIF1C antibody

KIF1C Polyclonal Antibody

CATALOG # AAA166602	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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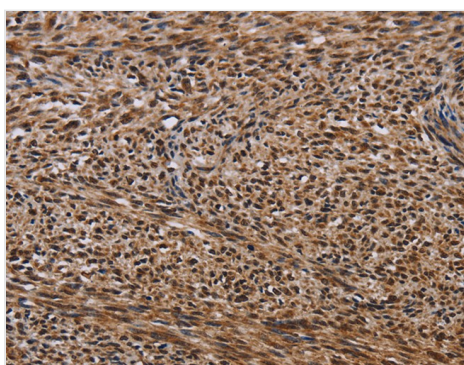
PRODUCT SYNONYMS

KIF1C; Polyclonal Antibody; KIF1C Polyclonal Antibody; SAX2; LTXS1; SATX2; SPAX2; SPG58; anti-KIF1C antibody

PRODUCT SPECIFICATIONS

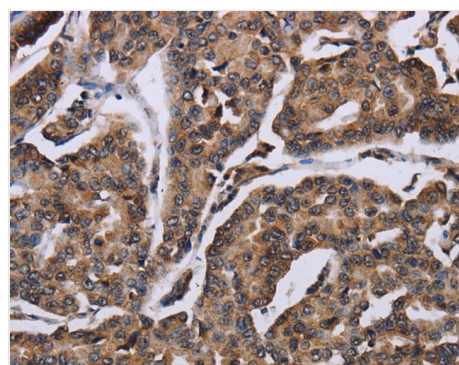
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	1103
Applicable Applications for anti-KIF1C antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human KIF1C
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



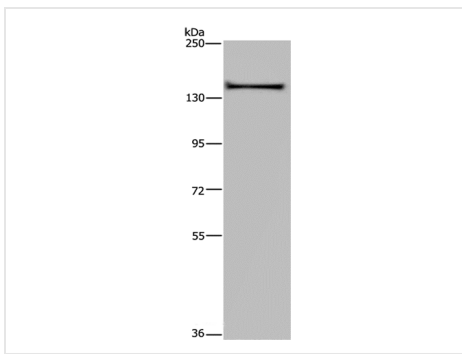
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human sarcoma using KIF1C Polyclonal Antibody at dilution of 1:60



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using KIF1C Polyclonal Antibody at dilution of 1:60



WB (Western Blot)

Western Blot analysis of A549 cell using KIF1C Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-KIF1C antibody

The kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell. Individual kinesin members play crucial roles in cell division, intracellular transport, and membrane trafficking events including endocytosis and transcytosis. KIF1C is a member of the KIF1/Unc104 family of kinesin-like proteins, which are involved in the transport of mitochondria or synaptic vesicles in axons. Human KIF1C maps to chromosome 17p13 and encodes a predicted 1,103 amino acid protein with abundant expression in heart and skeletal muscle. Tyrosine phosphorylation is a putative regulator of KIF1C mediated retrograde transport of Golgi vesicles to the endoplasmic reticulum. KIF1C is capable of forming homodimers and can noncovalently associate with 14-3-3 beta, gamma, epsilon and zeta. In mouse macrophages, KIF1C is required for anthrax lethal toxin resistance.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254834
NCBI GeneID	10749
NCBI Accession #	NP_006603.2
NCBI GenBank Nucleotide #	NM_006612.5
Molecular Weight	122,947 Da
NCBI Official Full Name	kinesin-like protein KIF1C
NCBI Official Synonym Full Names	kinesin family member 1C
NCBI Official Symbol	KIF1C
NCBI Official Synonym Symbols	SAX2; LTXS1; SATX2; SPAX2; SPG58
NCBI Protein Information	kinesin-like protein KIF1C; spastic ataxia 2 (autosomal recessive)
UniProt Protein Name	Kinesin-like protein KIF1C
UniProt Gene Name	KIF1C
UniProt Synonym Gene Names	KIAA0706
UniProt Entry Name	KIF1C_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/kif1c-antibody-immunohistochemistry-western-blot-elisa/166602>