Rabbit anti-Human KIF1C Polyclonal Antibody | anti-KIF1C antibody

KIF1C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302206	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

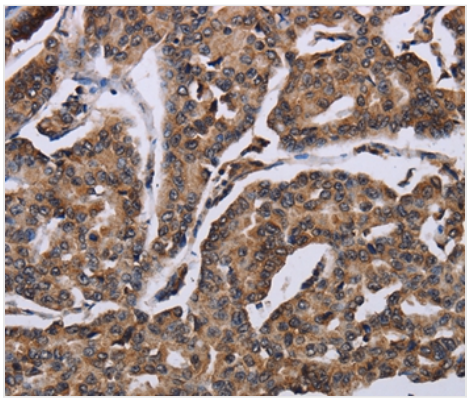
PRODUCT SYNONYMS

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

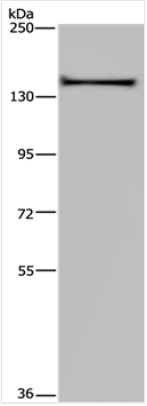
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KIF1C protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Concentration	2.7 mg/ml (varies by lot)
Sequence Length	1103
Applicable Applications for anti-KIF1C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human kinesin family member 1C
Target Name	KIF1C
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/60.



Application Data
Gel: 6%SDS-PAGE Lysate: 40ug A549 cell Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

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.
Product Categories/Family for anti-KIF1C antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254834
NCBI GeneID	10749
NCBI Accession #	NP_006603.2
NCBI GenBank Nucleotide #	NM_006612.5
UniProt Accession #	O43896; O75186; Q5U618; D3DTL6
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
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://stage.aaabiotech.com/polyclonal/kif1c-antibody-immunohistochemistry-western-blot-elisa/302206