

产品名称: KIF5B (9K4) Rabbit Monoclonal Antibody
产品货号: AMRe13018



产品概述 (Summary)

产品名称 (Production Name)	KIF5B (9K4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KIF5B
别名 (Alternative Names)	KIF5B; Kinesin1; KINH; KNS; KNS1; UKHC;
基因 ID (Gene ID)	3799.0
蛋白 ID (SwissProt ID)	P33176.A synthetic peptide of human KIF5B

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:20-1:100,ICC/IF 1:20-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	110kDa

研究背景 (Background)

Microtubule-dependent motor required for normal distribution of mitochondria and lysosomes. Microtubule-dependent

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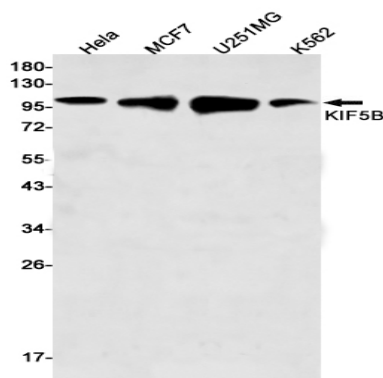


motor required for normal distribution of mitochondria and lysosomes. Can induce formation of neurite-like membrane protrusions in non-neuronal cells in a ZFYVE27-dependent manner (By similarity). Regulates centrosome and nuclear positioning during mitotic entry. During the G2 phase of the cell cycle in a BICD2- dependent manner, antagonizes dynein function and drives the separation of nuclei and centrosomes (PubMed: [20386726](http://www.uniprot.org/citations/20386726)). Required for anterograde axonal transportation of MAPK8IP3/JIP3 which is essential for MAPK8IP3/JIP3 function in axon elongation (By similarity). Through binding with PLEKHM2 and ARL8B, directs lysosome movement toward microtubule plus ends (Probable). Involved in NK cell-mediated cytotoxicity. Drives the polarization of cytolytic granules and microtubule-organizing centers (MTOCs) toward the immune synapse between effector NK lymphocytes and target cells (PubMed: [24088571](http://www.uniprot.org/citations/24088571)).

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of KIF5B in HeLa, MCF7, U251MG, K562 cell lysates using KIF5B antibody (1:500 diluted).

注意事项 (Note)

For research use only.