

产品名称: KIF5B Rabbit Monoclonal Antibody
产品货号: AMRe85735



产品概述 (Summary)

产品名称 (Production Name)	KIF5B Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC,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)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KIF5B
别名 (Alternative Names)	KNS; KINH; KNS1; UKHC; HEL-S-61
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 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 110 kDa; Observed MW: 110 kDa

研究背景 (Background)

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

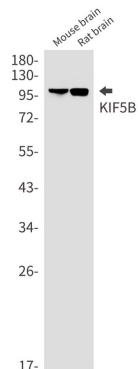
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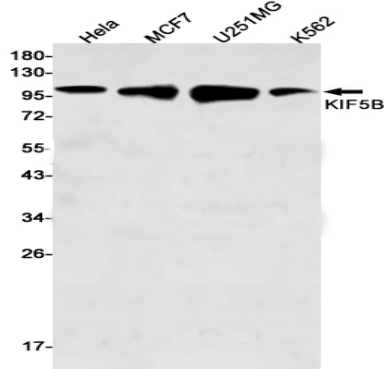
neurite-like membrane protrusions in non-neuronal cells in a ZFYVE27-dependent manner . Regulates centrosome and nuclear positioning during mitotic entry. During the G2 phase of the cell cycle in a BICD2-dependent manner, antagonizes dynein function and drives the separation of nuclei and centrosomes (PubMed:20386726). Required for anterograde axonal transportation of MAPK8IP3/JIP3 which is essential for MAPK8IP3/JIP3 function in axon elongation .

研究领域 (Research Area)

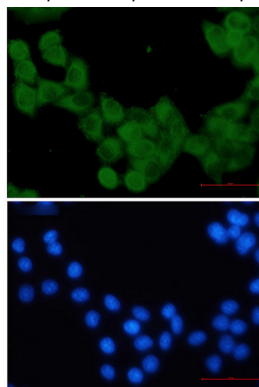
图片 (Image Data)



Western blot analysis of KIF5B in mouse brain, rat brain lysates using KIF5B antibody.



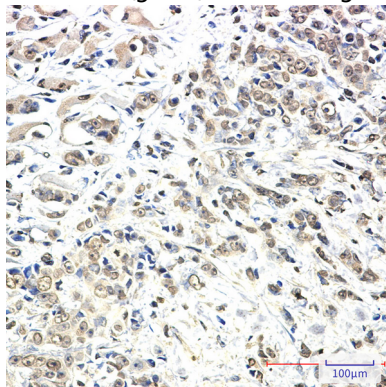
Western blot analysis of KIF5B in HeLa, MCF-7, U251MG, K562 lysates using KIF5B antibody.



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Immunocytochemistry analysis of KIF5B (green) in Hela using KIF5B antibody, and DAPI(blue).



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using KIF5B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .