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KIF13B antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10583

Product Information

Application	WB, IHC
Primary Accession	Q9NQT8
Other Accession	NM_015254, NP_056069
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	202789

Additional Information

Gene ID	23303
Alias Symbol	GAKIN, KIAA0639
Other Names	Kinesin-like protein KIF13B, Kinesin-like protein GAKIN, KIF13B, GAKIN, KIAA0639
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KIF13B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KIF13B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

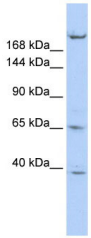
Name	KIF13B
Synonyms	GAKIN, KIAA0639
Function	Involved in reorganization of the cortical cytoskeleton. Regulates axon formation by promoting the formation of extra axons. May be functionally important for the intracellular trafficking of MAGUKs and associated protein complexes.
Cellular Location	Cytoplasm, cytoskeleton. Cell projection, axon. Note=accumulates at the distal part of the microtubules in the tips of axons, but not of dendrites

Tissue Location Ubiquitous.

References

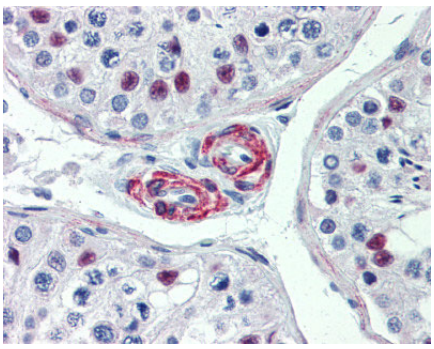
Yamada,K.H., (2007) Biochemistry 46 (35), 10039-10045 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

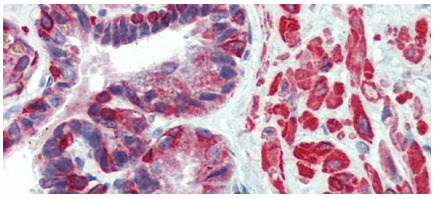


WB Suggested Anti-KIF13B Antibody Titration: 1 ug/ml
Positive Control: HepG2 cell lysate

KIF13B is supported by BioGPS gene expression data to be expressed in HepG2



Immunohistochemistry with prostate cell lysate tissue at an antibody concentration of 5.ug/ml using anti-KIF13B antibody (AI1583)



Rabbit Anti-KIF13B Antibody
Catalog Number: arp33926
Paraffin Embedded Tissue: Human Prostate
Antibody Concentration: 5 ug/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.