



# KIF13B Polyclonal Antibody

<b>Catalog No</b>	BYab-03143
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	KIF13B
<b>Protein Name</b>	Kinesin-like protein KIF13B
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human KIF13B. AA range:111-160
<b>Specificity</b>	KIF13B Polyclonal Antibody detects endogenous levels of KIF13B protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	KIF13B; GAKIN; KIAA0639; Kinesin-like protein KIF13B; Kinesin-like protein GAKIN
<b>Observed Band</b>	202kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton . Cell projection, axon . accumulates at the distal part of the microtubules in the tips of axons, but not of dendrites.
<b>Tissue Specificity</b>	Ubiquitous.
<b>Function</b>	function:May be involved in reorganization of the cortical cytoskeleton. May be functionally important for the intracellular trafficking of MAGUKs and associated protein complexes.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the kinesin-like protein family.,similarity:Contains 1 CAP-Gly domain.,similarity:Contains 1 FHA domain.,similarity:Contains 1 kinesin-motor domain.,subunit:Binds to DLG1 and DLG4.,tissue specificity:Ubiquitous.,
<b>Background</b>	function:May be involved in reorganization of the cortical cytoskeleton. May be functionally important for the intracellular trafficking of MAGUKs and associated

Nanjing BYabscience technology Co.,Ltd



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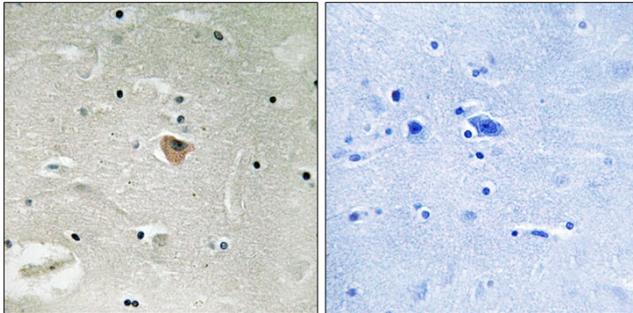
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain, using KIF13B Antibody. The picture on the right is blocked with the synthesized peptide.