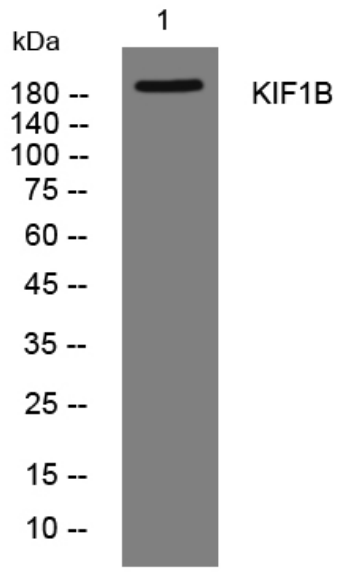
KIF1B rabbit pAb

Catalog No	BYab-09033
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	KIF1B KIAA0591 KIAA1448
Protein Name	KIF1B
Immunogen	Synthesized peptide derived from human KIF1B AA range: 1331-1381
Specificity	This antibody detects endogenous levels of KIF1B at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytoskeleton. Mitochondrion . Cell projection, axon .; [Isoform 1]: Cytoplasmic vesicle, secretory vesicle, synaptic vesicle .
Tissue Specificity	Isoform 3 is abundant in the skeletal muscle. It is also expressed in fetal brain, lung and kidney, and adult heart, placenta, testis, ovary and small intestine. Isoform 2 is abundant in the brain and also expressed in fetal heart, lung, liver and kidney, and adult skeletal muscle, placenta, liver, kidney, heart, spleen, thymus, prostate, testis, ovary, small intestine, colon and pancreas.
Function	disease:Defects in KIF1B are the cause of Charcot-Marie-Tooth disease type 2A1 (CMT2A1) [MIM:118210]. CMT2A1 is a form of Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system. Charcot-Marie-Tooth disease is classified in two main groups on the basis of electrophysiologic properties and histopathology: primary peripheral demyelinating neuropathy or CMT1, and primary peripheral axonal neuropathy or CMT2. Neuropathies of the CMT2 group are characterized by signs of axonal regeneration in the absence of obvious myelin alterations, normal or slightly

	reduced nerve conduction velocities, and progressive distal muscle weakness and atrophy.,function:Motor for anterograde transport of mitochondria. Has a microtubule plus end-directed motility.,similarity:Belongs to the kinesin-like protein family.,similarity:Belongs to the kinesin-like protein family. U
Background	This gene encodes a motor protein that transports mitochondria and synaptic vesicle precursors. Mutations in this gene cause Charcot-Marie-Tooth disease, type 2A1. [provided by RefSeq, Jul 2008],
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



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night