

bs-11033R**[Primary Antibody]****KIF1B Rabbit pAb****Bioss**
ANTIBODIES

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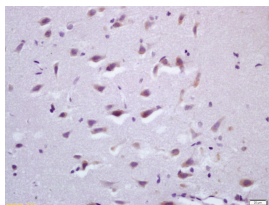
sales@bioss.com.cn

techsupport@bioss.com.cn

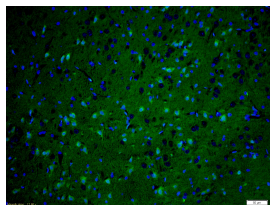
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat Predicted MW.: 204 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 23095	SWISS: O60333	
Target: KIF1B		
Immunogen: KLH conjugated synthetic peptide derived from human KIF1B: 13-120/1816.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: KIF1B, or kinesin-like protein (Klp) functions as a motor for mitochondrial transport, and has a microtubule plus end-directed motility. The KIF1B beta isoform is abundant in brain, while the alpha isoform is abundant in skeletal muscle. Mutations in the KIF1B gene are the cause of Charcot-Marie-Tooth disease type 2A1, which is a primary peripheral axon neuropathy. The KIF1B beta isoform is down-regulated in sporadic amyotrophic lateral sclerosis (ALS).		

— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-KIF1B Polyclonal Antibody, Unconjugated(bs-11033R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-KIF1B Polyclonal Antibody, FITC conjugated(bs-11033R-FITC) 1:200, at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml, blue, C-0033) was used to stain the cell nuclei