



MYO3B Monoclonal Antibody

Catalog No	YP-mAb-05779
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MYO3B
Immunogen	Synthesized peptide derived from human protein . at AA range: 1030-1110
Specificity	MYO3B Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MYO3B;Myosin-IIIb (EC 2.7.11.1)
Observed Band	147kD
Calculated Molecular Weight	147kD
Cell Pathway	Cytoplasm, cytoskeleton. Cell projection, stereocilium .
Tissue Specificity	Expressed in retina, kidney and testis.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Probable actin-based motor with a protein kinase activity.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 IQ domains.,similarity:In the N-terminal section; belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family.,tissue specificity:Expressed in retina, kidney and testis.,
Background	This gene encodes one of the class III myosins. Myosins are ATPases, activated by actin, that move along actin filaments in the cell. This class of myosins are characterized by an amino-terminal kinase domain and shown to be present in photoreceptors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014],

**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