



# MYO3B Polyclonal Antibody

<b>Catalog No</b>	BYab-05779
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MYO3B
<b>Protein Name</b>	Myosin-IIIb (EC 2.7.11.1)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 1030-1110
<b>Specificity</b>	MYO3B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	147kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton. Cell projection, stereocilium .
<b>Tissue Specificity</b>	Expressed in retina, kidney and testis.
<b>Function</b>	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.,
<b>Background</b>	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],

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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**