

MYO3B rabbit pAb**Cat#: orb772727 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	MYO3B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 1030-1110
Specificity	MYO3B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myosin-IIIb (EC 2.7.11.1)
Gene Name	MYO3B
Cellular localization	Cytoplasm, cytoskeleton. Cell projection, stereocilium .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	147kD
Human Gene ID	140469
Human Swiss-Prot Number	Q8WXR4
Alternative Names	

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],