

Product name:	Myosin XVI Rabbit Polyclonal Antibody
Cat number:	ABN14348
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from Myosin XVI . at AA range: 1050-1130
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight:	200kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. May be involved in targeting of the catalytic subunit of protein phosphatase 1 during brain development.,similarity:Contains 1 IQ domain.,similarity:Contains 2 myosin head-like domains.,similarity:Contains 7 ANK repeats.,subcellular location:Found in puncta in soma and processes of astrocytes and dissociated cerebellar cells with the morphology of migrating granule cells.,subunit:Binds PPP1CA and/or PPP1CC. Binds F-actin in an ATP-sensitive manner.,function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. May be involved in targeting of the catalytic subunit of protein phosphatase 1 during brain development.,similarity:Contains 1 IQ domain.,similarity:Contains 2 myosin head-like domains.,similarity:Contains 7 ANK repeats.,subcellular location:Found in puncta in soma and processes of astrocytes and dissociated cerebellar cells with the morphology of migrating granule cells.,subunit:Binds PPP1CA and/or PPP1CC. Binds F-actin in an ATP-sensitive manner.,