



Myosin Id rabbit pAb

Cat No.:ES6318

For research use only

Overview

Product Name	Myosin Id rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MYO1D. AA range:825-874
Specificity	Myosin Id Polyclonal Antibody detects endogenous levels of Myosin Id protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-Id
Gene Name	MYO1D
Cellular localization	Cytoplasm . Perikaryon . Cell projection, dendrite . Early endosome . Cytoplasm, cell cortex . Colocalizes with the actin cytoskeleton in the cell cortex close to the apical cell membrane. Colocalizes with cytoplasmic puncta that are reminiscent of transp
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4642
Human Swiss-Prot Number	O94832
Alternative Names	MYO1D; KIAA0727; Unconventional myosin-Id
Background	function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent

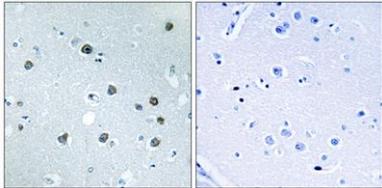




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tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 2 IQ domains.,subunit:Binds calmodulin through its IQ motifs.,tissue specificity:Expressed in many tissues. Highest levels in brain, followed by lung and ovary; expression is lowest in spleen.,

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MYO1D Antibody. The picture on the right is blocked with the synthesized peptide.



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