Myosin Id rabbit pAb

Cat#: orb769193 (Manual)

For research use only. Not intended for diagnostic use.

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 transport vesicles. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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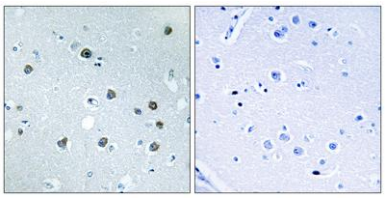
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4642
Human Swiss-Prot Number	O94832
Alternative Names	MYO1D; KIAA0727; Unconventional myosin-Id
Background	function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent 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.

Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558