

**Product Name: Myosin Id Rabbit Polyclonal Antibody****Catalog #: APRab14342**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC, ICC/IF, ELISA
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	MYO1D
<b>Alternative Names</b>	MYO1D; KIAA0727; Unconventional myosin-Id
<b>Gene ID</b>	4642.0
<b>SwissProt ID</b>	O94832
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MYO1D. AA range:825-874

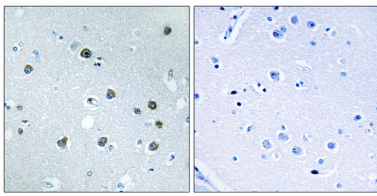
**Background**

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.,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.,

## Research Area

## Image Data



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