

MYO1H Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57423**Specification****MYO1H Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8N1T3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	119 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MYO1H
Epitope Specificity	501-600/958
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Myosin family. {ECO:0000305}. Contains 2 IQ domains. Contains 1 myosin motor domain. {ECO:0000305}. Contains 1 TH1 (class I myosin tail homology) domain. This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Important Note	

Background Descriptions

Myosin is a hexamer of two heavy chains (MHC) and four light chains (MLC) that interacts with Actin to generate the force for diverse cellular movements, including cytokinesis, phagocytosis and muscle contraction.

MYO1H Polyclonal Antibody - Additional Information**Other Names**

Unconventional myosin-Ih, Myosin-1H, MYO1H

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MYO1H Polyclonal Antibody - Protein Information

Name MYO1H

Function

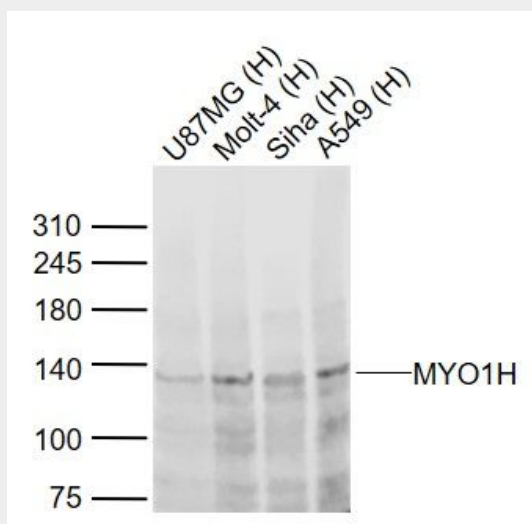
Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments (By similarity).

MYO1H Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYO1H Polyclonal Antibody - Images



Sample:

- Lane 1: U87MG (Human) Cell Lysate at 30 ug
- Lane 2: Molt-4 (Human) Cell Lysate at 30 ug
- Lane 3: Siha (Human) Cell Lysate at 30 ug
- Lane 4: A549 (Human) Cell Lysate at 30 ug

Primary: Anti-MYO1H (bs-19170R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 119 kD
Observed band size: 125 kD