

MYO1H Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57423

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	119037
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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.

Additional Information

Other Names	Unconventional myosin-Ih, Myosin-1H, MYO1H
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

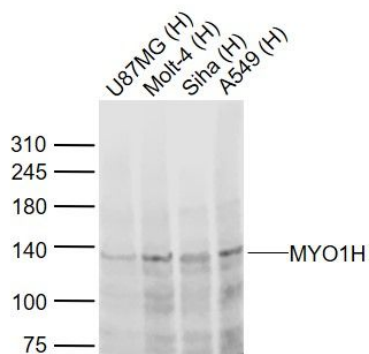
Protein Information

Name	MYO1H
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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).

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 (AP57423) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 119 kD

Observed band size: 125 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.