

Rabbit anti-Human MYO1G Polyclonal Antibody | anti-MYO1G antibody

MYO1G Antibody

CATALOG # AAA231477	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

MYO1G; Polyclonal Antibody; MYO1G Antibody; Unconventional myosin-Ig [Cleaved into: Minor histocompatibility antigen HA-2 (mHag HA-2)]; HA2; anti-MYO1G antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-MYO1G antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Unconventional myosin-Ig protein (209-389AA)
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Human
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA231477 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human appendix tissue using AAA231477 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lymphoid tissue using AAA231477 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MYO1G antibody	Unconventional myosin required during immune response for detection of rare antigen-presenting cells by regulating T-cell migration. Unconventional myosins are actin-based motor molecules with ATPase activity and serve in intracellular movements. Acts as a regulator of T-cell migration by generating membrane tension, enforcing cell-intrinsic meandering search, thereby enhancing detection of rare antigens during lymph-node surveillance, enabling pathogen eradication. Also required in B-cells, where it regulates different membrane/cytoskeleton-dependent processes. Involved in Fc-gamma receptor (Fc-gamma-R) phagocytosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239582755
NCBI GeneID	64005
NCBI Accession #	NP_149043.2
NCBI GenBank Nucleotide #	NM_033054.2
UniProt Accession #	B0I1T2; Q8TEI9; Q8TES2; Q96BE2; Q96RI5; Q96RI6
NCBI Official Full Name	unconventional myosin-Ig
NCBI Official Synonym Full Names	myosin IG
NCBI Official Symbol	MYO1G
NCBI Official Synonym Symbols	HA2; MHAG; HLA-HA2
NCBI Protein Information	unconventional myosin-Ig
UniProt Protein Name	Unconventional myosin-Ig
UniProt Gene Name	MYO1G
UniProt Synonym Gene Names	HA2; mHag HA-2
UniProt Entry Name	MYO1G_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myo1g-antibody-immunofluorescence-immunohistochemistry-elisa/231477>