

Rabbit MYO1C Polyclonal Antibody | anti-MYO1C antibody

MYO1C Polyclonal Antibody

CATALOG # AAA10776	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

MYO1C; Polyclonal Antibody; MYO1C Polyclonal Antibody; NMI; MM1b; myr2; MMI-beta; anti-MYO1C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	1063
Applicable Applications for anti-MYO1C antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:100
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MYO1C
Calculated Molecular Weight	122kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using MYO1C antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using MYO1C antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse liver using MYO1C antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human esophagus using MYO1C antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver injury using MYO1C antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat kidney using MYO1C antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-MYO1C antibody	This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene. The related gene myosin IE has been referred to as myosin IC in the literature, but it is a distinct locus on chromosome 19.
Product Categories/Family for anti-MYO1C antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373577
NCBI GeneID	4641
UniProt Accession #	O00159 ; Q4LE56 ; Q6NVJ7 ; Q86Y95
Molecular Weight	1063
NCBI Official Full Name	Unconventional myosin-Ic
NCBI Official Synonym Full Names	myosin IC
NCBI Official Symbol	MYO1C
NCBI Official Synonym Symbols	NMI; MM1b; myr2; MMI-beta
NCBI Protein Information	unconventional myosin-Ic; myosin I beta; myosin-I beta; nuclear myosin I
UniProt Protein Name	Unconventional myosin-Ic
UniProt Gene Name	MYO1C
UniProt Synonym Gene Names	MMI-beta; MM1b
UniProt Entry Name	MYO1C_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/myo1c-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10776>