

Rabbit Myosin 1C (MYO1C) Polyclonal Antibody | anti-MYO1C antibody

Myosin 1C (MYO1C) Antibody (C-term)

CATALOG # AAA285029	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Myosin 1C (MYO1C); Polyclonal Antibody; Myosin 1C (MYO1C) Antibody (C-term); Unconventional myosin-Ic; Myosin I beta; MMI-beta; MMIb; MYO1C; anti-MYO1C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Myosin 1C (MYO1C) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 911-940 amino acids from the C-terminal region of human Myosin 1C (MYO1C).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	911-940
Sequence Length	1,044
Applicable Applications for anti-MYO1C antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with MYO1C antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of MYO1C Antibody (C-term) in K562 cell line lysates (35ug/lane). MYO1C (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MYO1C antibody	MYO1C is 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.
Product Categories/Family for anti-MYO1C antibody	Signal Transduction
References	Crozet F.,Genomics 40:332-341(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	124494238
NCBI GeneID	4641
NCBI Accession #	NP_001074248.1 ; NP_001074419.1 ; NP_203693.3
NCBI GenBank Nucleotide #	NM_001080779.1
UniProt Accession #	O00159 ; Q4LE56 ; Q6NVJ7 ; Q86Y95
Molecular Weight	121682
NCBI Official Full Name	unconventional myosin-Ic isoform a
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
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/myosin-1c-myo1c-antibody-immunohistochemistry-western-blot-elisa/285029>