

Rabbit anti-Human MYO1C Polyclonal Antibody | anti-MYO1C antibody

MYO1C Antibody

CATALOG # AAA232201	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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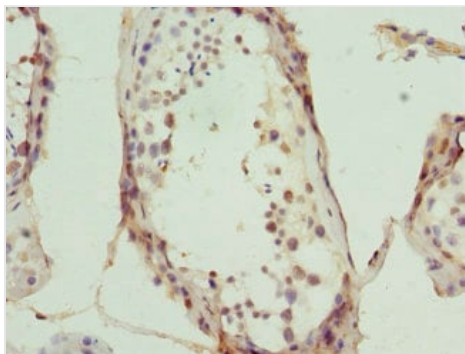
PRODUCT SYNONYMS

MYO1C; Polyclonal Antibody; MYO1C Antibody; Unconventional myosin-Ic; Myosin I beta; MMI-beta; MMIb; anti-MYO1C antibody

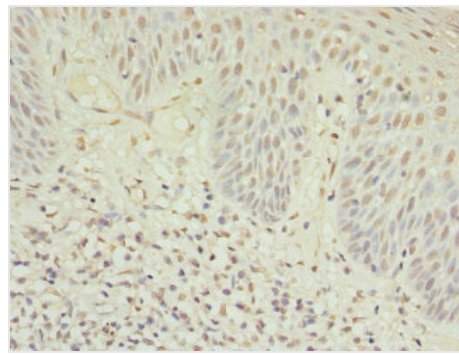
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1063
Applicable Applications for anti-MYO1C antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Unconventional myosin-Ic protein (C-260AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130177
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232201 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232201 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MYO1C antibody	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. Involved in glucose transporter recycling in response to insulin by regulating movement of intracellular GLUT4-containing vesicles to the plasma membrane. Component of the hair cell's (the sensory cells of the inner ear) adaptation-motor complex. Acts as a mediator of adaptation of mechanoelectrical transduction in stereocilia of vestibular hair cells. Binds phosphoinositides and links the actin cytoskeleton to cellular membranes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124494238
NCBI GeneID	4641
NCBI Accession #	NP_001074248.1
NCBI GenBank Nucleotide #	NM_001080779.1
UniProt Accession #	O00159; Q4LE56; Q6NVJ7; Q86Y95
Molecular Weight	119,628 Da
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/myo1c-antibody-immunohistochemistry-elisa/232201>