

Rabbit anti-Human MYO10 Polyclonal Antibody | anti-MYO10 antibody

MYO10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233625	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

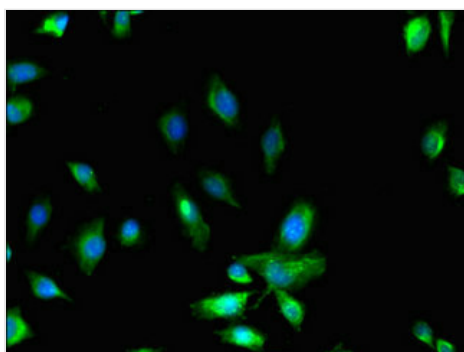
PRODUCT SYNONYMS

MYO10; Polyclonal Antibody; MYO10 Antibody; Unconventional myosin-X; Unconventional myosin-10; KIAA0799; anti-MYO10 antibody

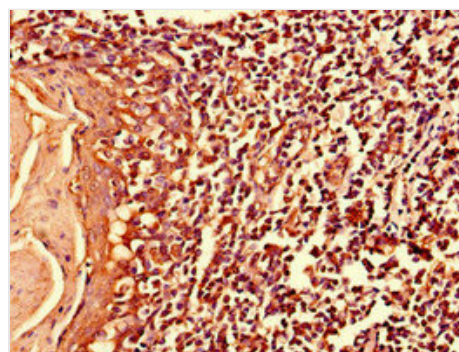
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	2058
Applicable Applications for anti-MYO10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Unconventional myosin-X protein (1-97AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of U251 cells 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 tonsil tissue at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MYO10 antibody	Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. MYO10 binds to actin filaments and actin bundles and functions as plus end-directed motor. The tail domain binds to membranous compartments containing phosphatidylinositol 3, 4, 5-trisphosphate or integrins, and mediates cargo transport along actin filaments. Regulates cell shape, cell spreading and cell adhesion. Stimulates the formation and elongation of filopodia. May play a role in neurite outgrowth and axon guidance. In hippocampal neurons it induces the formation of dendritic filopodia by trafficking the actin-remodeling protein VASP to the tips of filopodia, where it promotes actin elongation. Plays a role in formation of the podosome belt in osteoclasts.
Product Categories/Family for anti-MYO10 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	154354979
NCBI GeneID	4651
NCBI Accession #	NP_036466.2
NCBI GenBank Nucleotide #	NM_012334.2
UniProt Accession #	Q9HD67; O94893; Q8IVX5; Q9NYM7; Q9P110; Q9P111; Q9UHF6; A7E2D1
Molecular Weight	163,554 Da
NCBI Official Full Name	unconventional myosin-X
NCBI Official Synonym Full Names	myosin X
NCBI Official Symbol	MYO10
NCBI Protein Information	unconventional myosin-X
UniProt Protein Name	Unconventional myosin-X
UniProt Gene Name	MYO10
UniProt Synonym Gene Names	KIAA0799

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/myo10-antibody-immunofluorescence-immunohistochemistry-elisa/233625>