

Goat MYO1B Polyclonal Antibody | anti-MYO1B antibody

Goat anti-MYO1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61584	Goat	Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MYO1B; Polyclonal Antibody; Goat anti-MYO1B Antibody; myosin IB; myr1; MMI-alpha; MMla; MYH-1c; MYO1B variant protein; OTTHUMP00000165861; myosin I alpha; myosin-I alpha; myosin-Ib; MYO1B antibody; myosin IB antibody; myr1 antibody; MMI-alpha antibody; MMla antibody; MYH-1c antibody; MYO1B variant protein antibody; OTTHUMP00000165861 antibody; myosin I alpha antibody; myosin-Ib antibody; anti-MYO1B antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	RTVEAKQEKV STT
Sequence Length	1136
Applicable Applications for anti-MYO1B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-RTVEAKQEKVSTT, from the internal region of the protein sequence according to NP_001123630.1; NP_036355.2.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_001123630.1; NP_036355.2). Reported variants represent identical protein: NP_001123630.1, NP_001155291.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

5ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

1ug/ml) staining of NIH3T3 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328685
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NCBI GeneID	4430
NCBI Accession #	NP_001123630.1; NP_036355.2
NCBI GenBank Nucleotide #	NM_001130158.1
Molecular Weight	124,951 Da
NCBI Official Full Name	unconventional myosin-Ib isoform 1
NCBI Official Synonym Full Names	myosin IB
NCBI Official Symbol	MYO1B
NCBI Official Synonym Symbols	myr1
NCBI Protein Information	unconventional myosin-Ib
UniProt Protein Name	Unconventional myosin-Ib
UniProt Gene Name	MYO1B
UniProt Synonym Gene Names	MMI-alpha; MMIa
UniProt Entry Name	MYO1B_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/myo1b-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61584>