

Rabbit MYO7A Monoclonal Antibody | anti-MYO7A antibody

Anti-MYO7A Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125162	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay

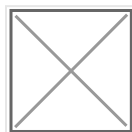
PRODUCT SYNONYMS

MYO7A; Monoclonal Antibody; Anti-MYO7A Monoclonal Antibody; anti-MYO7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	AFCH-13
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid, in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2,175
Applicable Applications for anti-MYO7A antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	A synthesized peptide derived from human Myosin VIIa Myosins
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of MYO7A using anti-MYO7A antibody (AAA125162). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MYO7A antigen affinity purified polyclonal antibody at 0.5 ug/mL overnight at 4°C; C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MYO7A.

ADDITIONAL INFORMATION

Related Product Information for anti-MYO7A antibody	Rabbit IgG Monoclonal antibody for Q13402 detection. Tested positive for WB IF/ICC FC in Human Mouse Rat
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189083798
NCBI GeneID	4647
NCBI Accession #	NP_000251.3
NCBI GenBank Nucleotide #	NM_000260.4
UniProt Accession #	Q13402; P78427; Q13321; Q14785; Q92821; Q92822; B9A011; F8VUN5
NCBI Official Full Name	unconventional myosin-VIIa isoform 1
NCBI Official Synonym Full Names	myosin VIIA
NCBI Official Symbol	MYO7A
NCBI Official Synonym Symbols	DFNB2; MYU7A; NSRD2; USH1B; DFNA11; MYOVIIA
NCBI Protein Information	unconventional myosin-VIIa
UniProt Protein Name	Unconventional myosin-VIIa
UniProt Gene Name	MYO7A
UniProt Synonym Gene Names	USH1B

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/monoclonal/myo7a-antibody-clone-afch-13-western-blot-immunofluorescence-immunocytochemistry-flow-cytometry-elisa/125162>