

Mouse Myosin(Skeletal, Slow) Monoclonal Antibody | anti-MYH7 antibody

Anti-Myosin(Skeletal, Slow) antibody (monoclonal)

CATALOG # AAA44909	HOST Mouse	REACTIVITY Human, Mouse, Rat, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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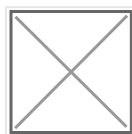
PRODUCT SYNONYMS

Myosin(Skeletal; Slow); Monoclonal Antibody; Anti-Myosin(Skeletal; Slow) antibody (monoclonal); Myosin-7; myosin; heavy chain 7; cardiac muscle; beta; CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB; Myosin heavy chain 7; Myosin heavy chain slow isoform; MyHC-slow; Myosin heavy chain; cardiac muscle beta isoform; MyHC-beta; anti-MYH7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NOQ7.5.4D
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	1935
Applicable Applications for anti-MYH7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human skeletal muscle myosin purified from myofibrils.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1 ml of PBS is used, the antibody concentration will be 100 ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-Myosin(Skeletal, Slow) antibody (monoclonal), AAA44909, Western blottingWB: Rat Skeletal Muscle Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MYH7 antibody	<p>Description: Mouse IgG monoclonal antibody for Myosin (Skeletal, Slow), myosin, heavy chain 7, cardiac muscle, beta (MYH7) detection. Tested with WB, IHC-P in Human, rat. No cross reactivity with other proteins. Uniprot ID: P12883</p> <p>Background: Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. Skeletal Myosin(slow),, also known as light chain 3(MYL3), mapped to 3p. Fodor et al.(1989) found that the MYL3 gene has 7 exons, the last of which is completely untranslated 3-prime sequence.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83304912
NCBI GeneID	4625
UniProt Accession #	P12883; Q14836; Q14837; Q14904; Q16579; Q2M1Y6; Q92679; Q9H1D5; Q9UDA2; Q9UMM8; A2TDB6; B6D424
Molecular Weight	223,097 Da
NCBI Official Full Name	Myosin-7
NCBI Official Synonym Full Names	myosin, heavy chain 7, cardiac muscle, beta
NCBI Official Symbol	MYH7
NCBI Official Synonym Symbols	CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB
NCBI Protein Information	myosin-7; myHC-beta; myhc-slow; myopathy, distal 1; myosin heavy chain slow isoform; rhabdomyosarcoma antigen MU-RMS-40.7A; myosin heavy chain, cardiac muscle beta isoform; myosin, heavy polypeptide 7, cardiac muscle, beta
UniProt Protein Name	Myosin-7
UniProt Gene Name	MYH7
UniProt Synonym Gene Names	MYHCB; MyHC-slow; MyHC-beta
UniProt Entry Name	MYH7_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/monoclonal/myosinskeletal-slow-antibody-clone-noq7-5-4d-immunohistochemistry-western-blot-elisa/44909>