

Rabbit Myosin Heavy Chain Monoclonal Antibody | anti-MYH6 antibody

Myosin Heavy Chain Antibody

CATALOG # AAA312440	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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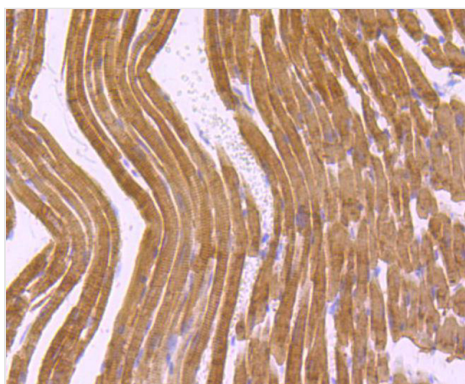
PRODUCT SYNONYMS

Myosin Heavy Chain; Monoclonal Antibody; Myosin Heavy Chain Antibody; embryonic antibody; fast skeletal muscle antibody; HEMHC antibody; Muscle embryonic myosin heavy chain 3 antibody; Muscle embryonic myosin heavy chain antibody; MYH 3 antibody; Myh3 antibody; MYH3_HUMAN antibody; MYHC EMB antibody; MYHSE 1 antibody; MYHSE1 antibody; Myosin heavy chain 3 antibody; Myosin heavy chain 3 skeletal muscle embryonic antibody; Myosin heavy chain antibody; Myosin heavy chain fast skeletal muscle embryonic antibody; Myosin Heavy Polypeptide 3 antibody; Myosin heavy polypeptide 3 skeletal muscle embryonic antibody; Myosin skeletal heavy chain embryonic 1 antibody; Myosin-3 antibody; SMHCE antibody; anti-MYH6 antibody

PRODUCT SPECIFICATIONS

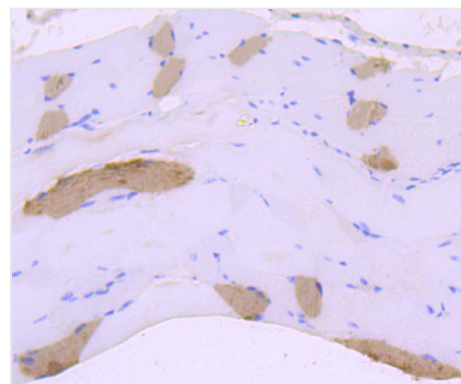
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JF097-7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MYH6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-Myosin heavy chain antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse smooth muscle tissue using anti-Myosin heavy chain antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of Myosin heavy chain on human skeletal muscle lysates using anti-Myosin heavy chain antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH6 antibody	Myosin is a highly conserved, ubiquitously expressed protein that interacts with Actin to generate the force for cellular movements. Conventional myosins are hexameric proteins consisting of two heavy chain subunits, a pair of non-phosphorylatable light chain subunits and a pair of phosphorylatable light chain subunits. Three general classes of myosin have been cloned: smooth muscle myosins, striated muscle myosins and non-muscle myosins. Contractile activity in smooth muscle is regulated by the calcium/calmodulin-dependent phosphorylation of myosin light chain by myosin light chain kinase. Myosin heavy chains are encoded by the MYH gene family and have Actin-activated ATPase activity which generates the motor function of myosin. Myosin heavy chains, which were initially isolated from a human fetal skeletal muscle, are the major determinant in the speed of contraction of skeletal muscle. Various isoforms of myosin heavy chain are differentially expressed depending on the functional activity of the muscle.
Product Categories/Family for anti-MYH6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104908
NCBI GeneID	4624
NCBI Accession #	NP_002462.2
NCBI GenBank Nucleotide #	NM_002471.3
UniProt Accession #	P13533; Q13943; Q14906; Q14907; A2RTX1; D9YZU2
Molecular Weight	223,735 Da
NCBI Official Full Name	myosin-6
NCBI Official Synonym Full Names	myosin, heavy chain 6, cardiac muscle, alpha
NCBI Official Symbol	MYH6
NCBI Official Synonym Symbols	ASD3; MYHC; SSS3; CMH14; MYHCA; CMD1EE; alpha-MHC
NCBI Protein Information	myosin-6; myHC-alpha; myosin heavy chain 6; myosin heavy chain, cardiac muscle alpha isoform; myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)
UniProt Protein Name	Myosin-6
UniProt Gene Name	MYH6
UniProt Synonym Gene Names	MYHCA; MyHC-alpha
UniProt Entry Name	MYH6_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/myosin-heavy-chain-antibody-clone-jf097-7-immunohistochemistry-western-blot-elisa/312440>