

Rabbit anti-Human, Mouse MYH6 Polyclonal Antibody | anti-MYH6 antibody

MYH6 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290572	Rabbit	Human, Mouse	ELISA, Western Blot

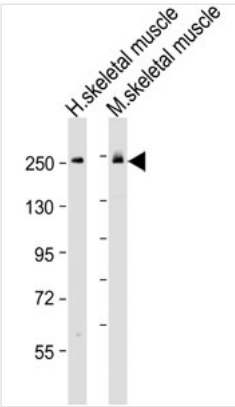
PRODUCT SYNONYMS

MYH6; Polyclonal Antibody; MYH6 Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Myosin-6; Myosin heavy chain 6; Myosin heavy chain; cardiac muscle alpha isoform; MyHC-alpha; MYHCA; anti-MYH6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This MYH6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 833-867 amino acids from the Central region of human MYH6.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Applicable Applications for anti-MYH6 antibody	ELISA, WB (Western Blot)
Clone Names	RB49145
Function	Muscle Contraction
Cellular Location	Cytoplasm, myofibril. Note=Thick filaments of the myofibrils.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-MYH6 Antibody (Center) at 1:2000 dilution
Lane 1: human skeletal muscle lysate
Lane 2: mouse skeletal muscle lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 224 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MYH6 antibody	Cardiovascular; Immunology; Signal Transduction
References	Matsuoka R.,et al.Am. J. Med. Genet. 41:537-547(1991). Epp T.A.,et al.Genomics 18:505-509(1993). Heilig R.,et al.Nature 421:601-607(2003). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Yamauchi-Takahara K.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:3504-3508(1989).

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	223735
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
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.

