

Rabbit anti-Mouse MYH11 Polyclonal Antibody | anti-MYH11 antibody

MYH11 Antibody (N-Term)

CATALOG # AAA290598	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
-------------------------------	-----------------------	----------------------------	-------------------------------------

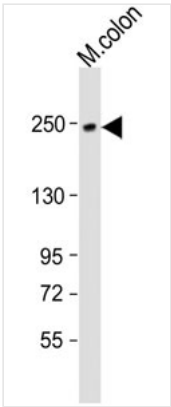
PRODUCT SYNONYMS

MYH11; Polyclonal Antibody; MYH11 Antibody (N-Term); Purified Rabbit Polyclonal Antibody (Pab); Myosin-11; Myosin heavy chain 11; Myosin heavy chain; smooth muscle isoform; SMMHC; KIAA0866; anti-MYH11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB53405
Specificity	This MYH11 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-56 amino acids from the human MYH11.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	1945
Applicable Applications for anti-MYH11 antibody	WB (Western Blot)
Function	Muscle contraction.
Cellular Location	Melanosome. Note= Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Thick filaments of the myofibrils.
Tissue Location	Smooth muscle; expressed in the umbilical artery, bladder, esophagus and trachea. Isoform 1 is mostly found in slowly contracting tonic muscles.
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)
Anti-MYH11 Antibody (N-Term) at 1:2000 dilution + mouse colon lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 227 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MYH11 antibody	Cardiovascular; Signal Transduction
References	Leguillette R.,et al.Am. J. Physiol. 289:C1277-C1285(2005). Loftus B.J.,et al.Genomics 60:295-308(1999). Nagase T.,et al.DNA Res. 5:355-364(1998). Nagase T.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases. Martin J.,et al.Nature 432:988-994(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	92091583
NCBI GeneID	4629
NCBI Accession #	NP_001035202.1
NCBI GenBank Nucleotide #	NM_001040113.1
UniProt Accession #	P35749; O00396; O94944; P78422; Q3MIV8; Q3MNF0; Q3MNF1; D2JYH7
Molecular Weight	227339
NCBI Official Full Name	myosin-11 isoform SM2B
NCBI Official Synonym Full Names	myosin, heavy chain 11, smooth muscle
NCBI Official Symbol	MYH11
NCBI Official Synonym Symbols	AAT4; FAA4; SMHC; SMMHC
NCBI Protein Information	myosin-11
UniProt Protein Name	Myosin-11
UniProt Gene Name	MYH11
UniProt Synonym Gene Names	KIAA0866
UniProt Entry Name	MYH11_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.