

MYH11 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21702a

Product Information

Application	WB, E
Primary Accession	P35749
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53405
Calculated MW	227339

Additional Information

Gene ID	4629
Other Names	Myosin-11, Myosin heavy chain 11, Myosin heavy chain, smooth muscle isoform, SMMHC, MYH11, KIAA0866
Target/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.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MYH11 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MYH11
Synonyms	KIAA0866
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.

Background

Muscle contraction.

References

Leguillette R.,et al.Am. J. Physiol. 289:C1277-C1285(2005).

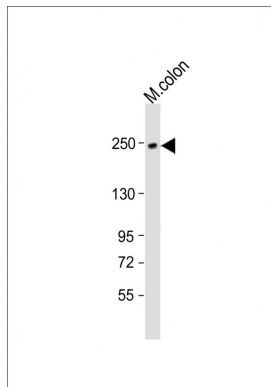
Loftus B.J.,et al.Genomics 60:295-308(1999).

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).

Images



Anti-MYH11 Antibody (N-Term) at 1:2000 dilution + mouse colon lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 227 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.