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MYH11 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21702a

Product Information

Application	WB, E
Primary Accession	P35749
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
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.

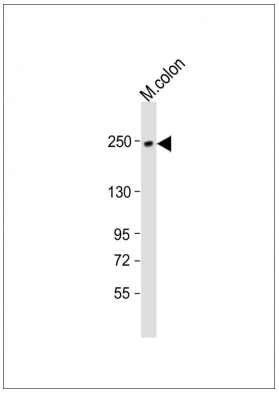
Background

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'.