

**MYH11 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21702a**

**Specification**

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**MYH11 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P35749</a>
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	227339

**MYH11 Antibody (N-Term) - 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

**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.

**MYH11 Antibody (N-Term) - 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

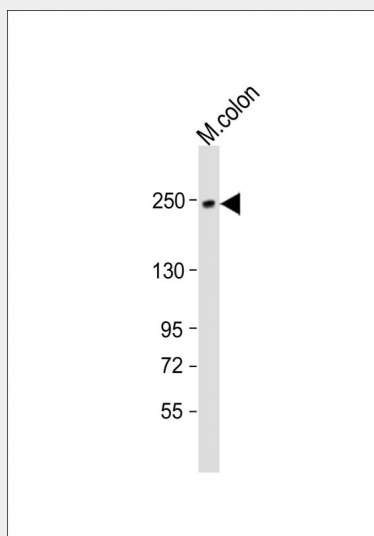
Smooth muscle; expressed in the umbilical artery, bladder, esophagus and trachea. Isoform 1 is mostly found in slowly contracting tonic muscles.

### MYH11 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### MYH11 Antibody (N-Term) - Images



Anti-MYH11 Antibody (N-Term) at 1:2000 dilution + mouse colon lysate Lysates/proteins at 20  $\mu$ g 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.

### MYH11 Antibody (N-Term) - Background

Muscle contraction.

### MYH11 Antibody (N-Term) - 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).