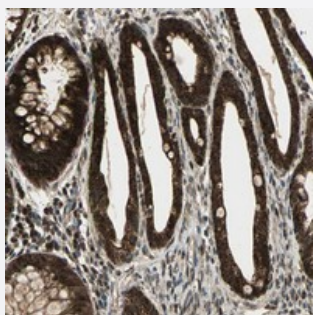


# MYOM2 polyclonal antibody

Catalog # PAB20328      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with MYOM2 polyclonal antibody (Cat # PAB20328) shows strong nuclear and cytoplasmic positivity in glandular cells.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MYOM2.
Immunogen	Recombinant protein corresponding to amino acids of human MYOM2.
Sequence	ERLMALSNEIKNPTIPLKSELAYEIFDKGRVRFWLQAEHLSPDASYRFIINDREVSDSEIHRKCDKATGIIEMVMDFRSIENEGTYTVQIHDGKAKSQSSLVLIGDAFKTVLEEAQFQRKEFLRKQGPHFAEYLHWDVT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — MYOM2

**Entrez GeneID**[9172](#)**Protein Accession#**[P54296](#)**Gene Name**

MYOM2

**Gene Alias**

TTNAP

**Gene Description**

myomesin (M-protein) 2, 165kDa

**Omim ID**[603509](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD and 165 kD. The predicted MYOM2 protein contains 1,465 amino acids. Like MYOM1, MYOM2 has a unique N-terminal domain followed by 12 repeat domains with strong homology to either fibronectin type I or immunoglobulin C2 domains. Protein sequence comparisons suggested that the MYOM2 protein and bovine M protein are identical. [provided by RefSeq]

**Other Designations**

M-band protein|myomesin (M-protein) 2 (165kD)|myomesin 2|titin-associated protein, 165 kD