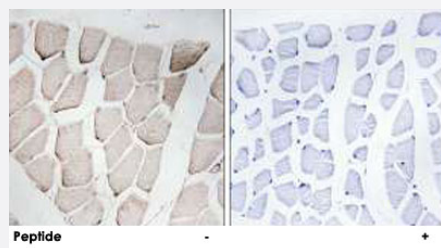


# MYOM1 polyclonal antibody

Catalog # PAB17778      Size 100 ug

## Applications



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

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using MYOM1 polyclonal antibody (Cat # PAB17778).

Peptide "+" means "with peptide blocking".

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of MYOM1.
<b>Immunogen</b>	A synthetic peptide corresponding to internal of human MYOM1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody detects endogenous levels of total MYOM1 protein.
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) ELISA (1:40000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using MYOM1 polyclonal antibody (Cat # PAB17778).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MYOM1

Entrez GeneID	<a href="#">8736</a>
Protein Accession#	<a href="#">P52179</a>
Gene Name	MYOM1
Gene Alias	MGC134946, MGC134947, SKELEMIN
Gene Description	myomesin 1, 185kDa
Omim ID	<a href="#">603508</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 (myomesin 1) and 165 kD (myomesin 2). This protein, myomesin 1, like myomesin 2, titin, and other myofibrillar proteins contains structural modules with strong homology to either fibronectin type III (motif I) or immunoglobulin C2 (motif II) domains. Myomesin 1 and myomesin 2 each have a unique N-terminal region followed by 12 modules of motif I or motif II, in the arrangement II-II-I-I-I-I-II-II-II-II. The two proteins share 50% sequence identity in this repeat-containing region. The head structure formed by these 2 proteins on one end of the titin string extends into the center of the M band. The integrating structure of the sarcomere arises from muscle-specific members of the superfamily of immunoglobulin-like proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	190 kDa connectin-associated protein 190 kDa titin-associated protein EH-myomesin myomesin (M-protein) 1 (190kD) myomesin 1 myomesin 1 (skelemin) (185kD) myomesin 1 (skelemin) 185kDa

## Disease

- [Tobacco Use Disorder](#)