



Rabbit Anti-MYOM1 antibody

SL9863R

Product Name:	MYOM1
Chinese Name:	肌间蛋白1抗体
Alias:	190 kDa connectin-associated protein; 190 kDa titin-associated protein; EH myomesin; MGC134946; MGC134947; MYOM1; MYOM1_HUMAN; Myomesin 1 185kDa; Myomesin family member 1; Myomesin-1; Skelemin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	188kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MYOM1:1401-1500/1685
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Myomesin-1 and myomesin-2 are components of the vertebrate myofibrillar M band and are associated with Titin, Myosin and Connectin. The myomesin proteins are responsible for the formation of a head structure on one end of the Titin string that connects the Z and M bands of the sarcomere. Myomesin-1 and -2 have unique N-terminal domains and are expressed mainly in skeletal muscle. The gene encoding

human myomesin-1 maps to chromosome 18p11.31-p11.32.

Function:

Major component of the vertebrate myofibrillar M band. Binds myosin, titin, and light meromyosin. This binding is dose dependent.

Subunit:

Interacts with TTN/titin (By similarity). Interacts with PNKD.

Tissue Specificity:

Major component of the vertebrate myofibrillar M band. Binds myosin, titin, and light meromyosin. This binding is dose dependent.

Similarity:

Contains 5 fibronectin type-III domains.

Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

P52179

Gene ID:

8736

Database links:

[Entrez Gene: 8736](#)Human

[Omim: 603508](#)Human

[SwissProt: P52179](#)Human

[Unigene: 464469](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.