Rabbit anti-Human, Mouse MYOM2 Polyclonal Antibody | anti-MYOM2 antibody

MYOM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324859	**Rabbit**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

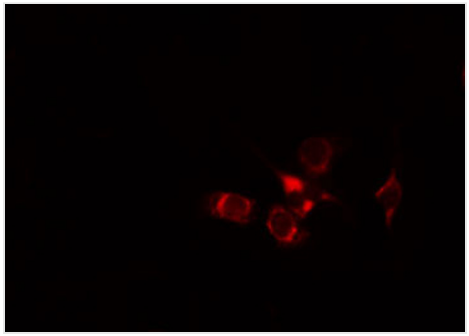
PRODUCT SYNONYMS

MYOM2; Polyclonal Antibody; MYOM2 Antibody; 165 kDa connectin associated protein; 165 kDa connectin-associated protein; 165 kDa titin associated protein; 165 kDa titin-associated protein; M band protein; M protein; M-protein; MYOM 2; MYOM2_HUMAN; Myomesin (M protein) 2 (165kD); Myomesin (M protein) 2 165kDa; Myomesin (M protein) 2; Myomesin 2; Myomesin family member 2; Myomesin-2; Titin associated protein 165 kD; Titin associated protein; TTNAP; anti-MYOM2 antibody

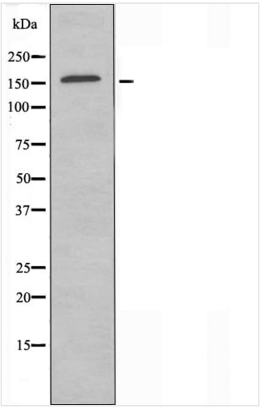
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MYOM2 antibody detects endogenous levels of total MYOM2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1465
Applicable Applications for anti-MYOM2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	**Pig, Bovine, Sheep, Rabbit, Chicken**
Similarity	Pig (82%), Bovine (100%), Sheep (100%), Rabbit (100%), Chicken (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324859 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COS-7 cells using MYOM2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MYOM2 antibody	Function: Major component of the vertebrate myofibrillar M band. Binds myosin, titin, and light meromyosin. This binding is dose dependent. Subunit Structure: Interacts with TTN/titin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	611434985
NCBI GeneID	9172
NCBI Accession #	NP_003961.3
NCBI GenBank Nucleotide #	NM_003970.3
UniProt Accession #	P54296; Q7Z3Y2
Molecular Weight	Observed: 165 kD Predicted: 165 kDa
NCBI Official Full Name	myomesin-2
NCBI Official Synonym Full Names	myomesin 2
NCBI Official Symbol	MYOM2
NCBI Official Synonym Symbols	TTNAP
NCBI Protein Information	myomesin-2
UniProt Protein Name	Myomesin-2
UniProt Gene Name	**MYOM2**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/myom2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324859