

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

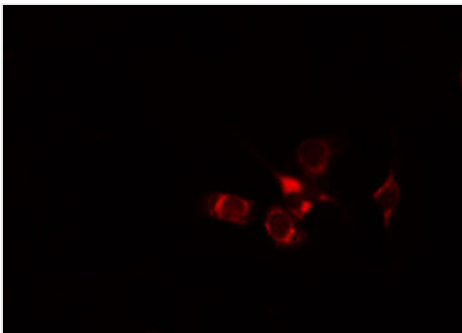
PRODUCT SYNONYMS

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

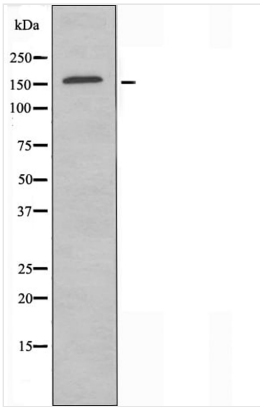
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MYOM2 antibody detects endogenous levels of total MYOM2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 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.
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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.