

Rabbit MYOM2 Polyclonal Antibody | anti-MYOM2 antibody

MYOM2 Rabbit pAb

CATALOG # AAA282181	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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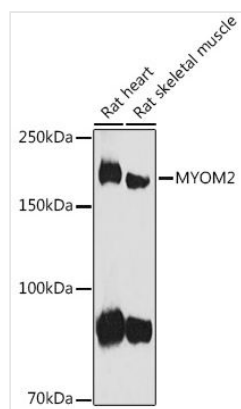
PRODUCT SYNONYMS

MYOM2; Polyclonal Antibody; MYOM2 Rabbit pAb; TTNAP; anti-MYOM2 antibody

PRODUCT SPECIFICATIONS

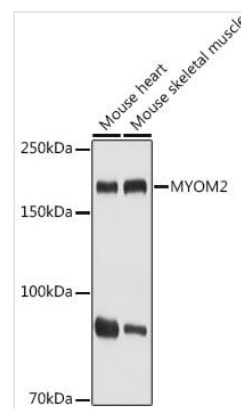
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid. PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-MYOM2 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human MYOM2 (NP_003961.3).
Positive Samples	Mouse heart, Mouse skeletal muscle, Rat heart, Rat skeletal muscle
Research Area	Cell Biology & Developmental Biology Cytoskeleton Motor Proteins Stem Cells Mesenchymal Stem Cells CardiovascularHeartContractility
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYOM2 antibody (AAA282181) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYOM2 antibody (AAA282181) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYOM2 antibody	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 III or immunoglobulin C2 domains. Protein sequence comparisons suggested that the MYOM2 protein and bovine M protein are identical.
Product Categories/Family for anti-MYOM2 antibody	Catalog Antibodies ; Polyclonal Antibodies ; Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104903
NCBI GeneID	9172
NCBI Accession #	NP_003961.2
NCBI GenBank Nucleotide #	NM_003970.2
UniProt Accession #	P54296 ; Q7Z3Y2
Molecular Weight	164,896 Da
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; M-protein; M-band protein; myomesin family member 2; myomesin (M-protein) 2, 165kDa; 165 kDa titin-associated protein; titin-associated protein, 165 kD; 165 kDa connectin-associated protein
UniProt Protein Name	Myomesin-2
UniProt Gene Name	MYOM2
UniProt Entry Name	MYOM2_HUMAN

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.