

Rabbit MYOZ2 Polyclonal Antibody | anti-MYOZ2 antibody

MYOZ2 Polyclonal Antibody

CATALOG # AAA279811	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MYOZ2; Polyclonal Antibody; MYOZ2 Polyclonal Antibody; CS-1; CMH16; C4orf5; anti-MYOZ2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	264
Applicable Applications for anti-MYOZ2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MYOZ2
Calculated Molecular Weight	29kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using MYOZ2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYOZ2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYOZ2 antibody

The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.

Product Categories/Family for anti-MYOZ2 antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74761638
NCBI GeneID	51778
UniProt Accession #	Q9NPC6; O43415; Q9HB92
Molecular Weight	264
NCBI Official Full Name	Myozenin-2
NCBI Official Synonym Full Names	myozenin 2
NCBI Official Symbol	MYOZ2
NCBI Official Synonym Symbols	CS-1; CMH16; C4orf5
NCBI Protein Information	myozenin-2; MYOZ2; FATZ-related protein 2; muscle-specific protein; calcineurin-binding protein calsarcin-1
UniProt Protein Name	Myozenin-2
UniProt Gene Name	MYOZ2
UniProt Entry Name	MYOZ2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myoz2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279811>