

Rabbit anti-Human MYOZ2 Polyclonal Antibody | anti-MYOZ2 antibody

MYOZ2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234886	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

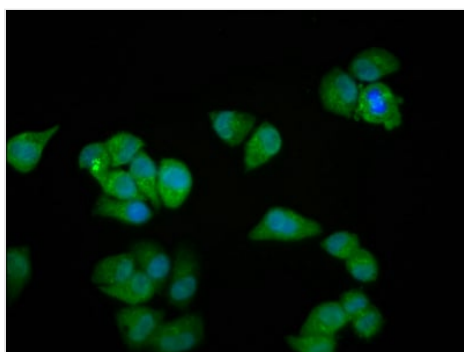
PRODUCT SYNONYMS

MYOZ2; Polyclonal Antibody; MYOZ2 Antibody; Myozenin-2; Calsarcin-1; FATZ-related protein 2; anti-MYOZ2 antibody

PRODUCT SPECIFICATIONS

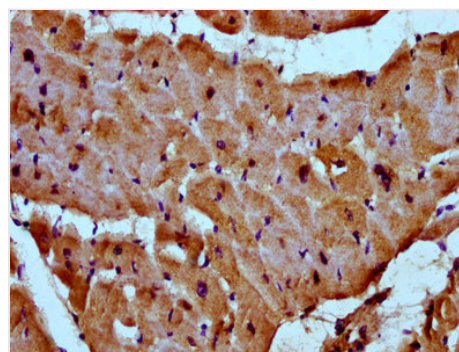
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	264
Applicable Applications for anti-MYOZ2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Myozenin-2 protein (90-180AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



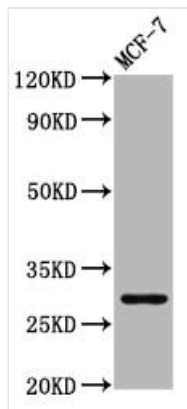
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234886 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234886 diluted at 1:300 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: MYOZ2 antibody at 4.31ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 30 KDa Observed band size: 30 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MYOZ2 antibody	Myozenins may serve as intracellular binding proteins involved in linking Z line proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.
Product Categories/Family for anti-MYOZ2 antibody	Cardiovascular; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706595
NCBI GeneID	51778
NCBI Accession #	NP_057683.1
NCBI GenBank Nucleotide #	NM_016599.4
UniProt Accession #	Q9NPC6; O43415; Q9HB92
Molecular Weight	29,898 Da
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
UniProt Protein Name	Myozenin-2
UniProt Gene Name	MYOZ2

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/234886>