

MYOZ2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17430a

Specification

MYOZ2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NPC6
Other Accession	O9JJW5 , Q5E9V3 , NP_057683.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29898
Antigen Region	43-71

MYOZ2 Antibody (N-term) - Additional Information

Gene ID 51778

Other Names

Myozenin-2, Calsarcin-1, FATZ-related protein 2, MYOZ2 (HGNC:1330)

Target/Specificity

This MYOZ2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of human MYOZ2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MYOZ2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MYOZ2 Antibody (N-term) - Protein Information

Name MYOZ2 ([HGNC:1330](#))

Function 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.

Cellular Location

Cytoplasm, myofibril, sarcomere, Z line. Note=Colocalizes with ACTN1 and PPP3CA at the Z-line of heart and skeletal muscle.

Tissue Location

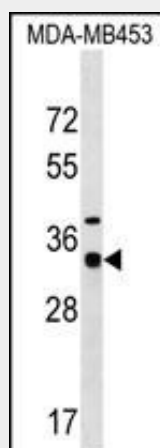
Expressed specifically in heart and skeletal muscle.

MYOZ2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYOZ2 Antibody (N-term) - Images



MYOZ2 Antibody (N-term) (Cat. #AP17430a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the MYOZ2 antibody detected the MYOZ2 protein (arrow).

MYOZ2 Antibody (N-term) - Background

MYOZ2 myozenins may serve as intracellular binding proteins involved in linking Z-disk 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.

MYOZ2 Antibody (N-term) - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)

Xin, X., et al. Genome Res. 19(7):1262-1269(2009)
Aurino, S., et al. Acta Myol 27, 90-97 (2008) :
Posch, M.G., et al. Med. Sci. Monit. 14 (7), CR372-CR374 (2008) :
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