

MYOZ1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5248c**Specification**

MYOZ1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NP98](#)**MYOZ1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 58529**Other Names**

Myozenin-1, Calsarcin-2, Filamin-, actinin- and telethonin-binding protein, Protein FATZ, MYOZ1
(http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=13752)
target="_blank">HGNC:13752)

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MYOZ1 Antibody (Center) Blocking Peptide - Protein Information**Name** MYOZ1 ([HGNC:13752](#))**Function**

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.

Cellular Location

Nucleus. Cell projection, pseudopodium. Note=Localized to the nucleus and pseudopodia of undifferentiated cells and detected throughout the myotubes of differentiated cells Colocalizes with ACTN2, FLNC and MYOT at the Z-lines of skeletal muscle

Tissue Location

Expressed primarily in skeletal muscle. Detected at lower levels in heart, prostate and pancreas

MYOZ1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MYOZ1 Antibody (Center) Blocking Peptide - Images

MYOZ1 Antibody (Center) Blocking Peptide - Background

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. This protein plays an important role in the modulation of calcineurin signaling, may play a role in myofibrillogenesis.

MYOZ1 Antibody (Center) Blocking Peptide - References

Aurino, S., et al. Acta Myol 27, 90-97 (2008) Posch, M.G., et al. Mol. Genet. Metab. 91(2):207-208(2007)Arola, A.M., et al. Mol. Genet. Metab. 90(4):435-440(2007)