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# MYOZ2 Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP17430a**

## Specification

### MYOZ2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9NPC6

### MYOZ2 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID** 51778

**Other Names**
Myozenin-2, Calsarcin-1, FATZ-related protein 2, MYOZ2 (<a href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=1330" target="_blank">HGNC:1330</a>)

**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.

### MYOZ2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- Blocking Peptides

**MYOZ2 Antibody (N-term) Blocking Peptide - Images**

**MYOZ2 Antibody (N-term) Blocking Peptide - Background**

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**MYOZ2 Antibody (N-term) Blocking Peptide - 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) :Posch, M.G., et al. Mol. Genet. Metab. 91(2):207-208(2007)