

**MYBPC1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17294c****Specification**

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**MYBPC1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q00872](#)**MYBPC1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4604**Other Names**

Myosin-binding protein C, slow-type, Slow MyBP-C, C-protein, skeletal muscle slow isoform, MYBPC1, MYBPCS

**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.

**MYBPC1 Antibody (Center) Blocking Peptide - Protein Information****Name** MYBPC1**Synonyms** MYBPCS**Function**

Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. Slow skeletal protein that binds to both myosin and actin (PubMed:<a href="http://www.uniprot.org/citations/31264822" target="\_blank">31264822</a>, PubMed:<a href="http://www.uniprot.org/citations/31025394" target="\_blank">31025394</a>). In vitro, binds to native thin filaments and modifies the activity of actin-activated myosin ATPase. May modulate muscle contraction or may play a more structural role.

**MYBPC1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MYBPC1 Antibody (Center) Blocking Peptide - Images**

**MYBPC1 Antibody (Center) Blocking Peptide - Background**

Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actin-activated myosin ATPase. It may modulate muscle contraction or may play a more structural role.

**MYBPC1 Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Gurnett, C.A., et al. Hum. Mol. Genet. 19(7):1165-1173(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Flashman, E., et al. Biochem. J. 401(1):97-102(2007)