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MYBPC1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17294c

Specification

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:31264822, PubMed:31025394). 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

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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)