



MYBPC1 blocking peptide (CDBP5772)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the myosin-binding protein C family. Myosin-binding protein C family members are myosin-associated proteins found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The encoded protein is the slow skeletal muscle isoform of myosin-binding protein C and plays an important role in muscle contraction by recruiting muscle-type creatine kinase to myosin filaments. Mutations in this gene are associated with distal arthrogryposis type I. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	MYBPC1 myosin binding protein C, slow type [Homo sapiens (human)]
Official Symbol	MYBPC1
Synonyms	MYBPC1; myosin binding protein C, slow type; LCCS4; MYBPCC; MYBPCS; myosin-binding protein C, slow-type; slow MyBP-C; skeletal muscle C-protein; C-protein, skeletal muscle slow isoform

Entrez Gene ID	4604
mRNA Refseq	NM_001254718
Protein Refseq	NP_001241647
UniProt ID	Q00872
Pathway	Muscle contraction; Striated Muscle Contraction
Function	actin binding; protein binding; structural constituent of muscle; titin binding