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SGCZ Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16983b

Specification

SGCZ Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96LD1

SGCZ Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 137868

Other Names
Zeta-sarcoglycan, Zeta-SG, ZSG1, SGCZ

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.

SGCZ Antibody (C-term) Blocking Peptide - Protein Information

Name SGCZ

Function
Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix. May play a role in the maintenance of striated muscle membrane stability (By similarity).

Cellular Location
Cell membrane, sarcolemma; Single- pass type II membrane protein. Cytoplasm, cytoskeleton

SGCZ Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SGCZ Antibody (C-term) Blocking Peptide - Images

SGCZ Antibody (C-term) Blocking Peptide - Background

The zeta-sarcoglycan gene measures over 465 kb andlocalizes to 8p22. This protein is part of the sarcoglycan complex,a group of 6 proteins. The sarcoglycans are all N-glycosylatedtransmembrane proteins with a short intra-cellular domain, a singletransmembrane region and a large extra-cellular domain containing acarboxyl-terminal cluster with several conserved cysteine residues.The sarcoglycan complex is part of the dystrophin-associatedglycoprotein complex (DGC), which bridges the inner cytoskeletonand the extra-cellular matrix.

SGCZ Antibody (C-term) Blocking Peptide - References

Johnson, A.D., et al. Nat. Genet. 42(7):608-613(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Aurino, S., et al. Acta Myol 27, 90-97 (2008) :Baulac, S., et al. Arch. Neurol. 65(7):943-951(2008)Anastasi, G., et al. J. Histochem. Cytochem. 55(8):831-843(2007)