

SGCZ Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16983b**Specification**

SGCZ Antibody (C-term) Blocking Peptide - Product InformationPrimary 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 and localizes to 8p22. This protein is part of the sarcoglycan complex, a group of 6 proteins. The sarcoglycans are all N-glycosylated transmembrane proteins with a short intra-cellular domain, a single transmembrane region and a large extra-cellular domain containing a carboxyl-terminal cluster with several conserved cysteine residues. The sarcoglycan complex is part of the dystrophin-associated glycoprotein complex (DGC), which bridges the inner cytoskeleton and 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)