

SGCD Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16115b

Specification

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

Primary Accession [Q92629](#)

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

Gene ID 6444

Other Names

Delta-sarcoglycan, Delta-SG, 35 kDa dystrophin-associated glycoprotein, 35DAG, SGCD

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.

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

Name SGCD

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.

Cellular Location

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

Tissue Location

Most strongly expressed in skeletal and cardiac muscle. Also detected in smooth muscle. Weak expression in brain and lung

SGCD Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SGCD Antibody (C-term) Blocking Peptide - Images

SGCD Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.

SGCD Antibody (C-term) 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) : Zimmerman, R.S., et al. Genet. Med. 12(5):268-278(2010) Ordonez-Razo, R.M., et al. Genet Test Mol Biomarkers 14(2):237-240(2010) Lin, W.Y., et al. BMC Res Notes 3, 26 (2010) :