

## **SLC27A6 Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP17646c

## **Specification**

SLC27A6 Antibody (Center) Blocking Peptide - Product Information

Primary Accession <a href="Q9Y2P4">Q9Y2P4</a>

SLC27A6 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID 28965** 

#### **Other Names**

Long-chain fatty acid transport protein 6, FATP-6, Fatty acid transport protein 6, Fatty-acid-coenzyme A ligase, very long-chain 2, Solute carrier family 27 member 6, Very long-chain acyl-CoA synthetase homolog 1, VLCSH1, hVLCS-H1, SLC27A6, ACSVL2, FACVL2, FATP1

### **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.

SLC27A6 Antibody (Center) Blocking Peptide - Protein Information

Name SLC27A6

Synonyms ACSVL2, FACVL2, FATP6

#### **Function**

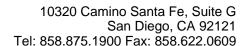
Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. Thought to function as the predominant

## SLC27A6 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the fatty acid transportprotein family (FATP). FATPs are involved in the uptake oflong-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same proteinhave been found for this gene.

# SLC27A6 Antibody (Center) Blocking Peptide - References

Stelzl, U., et al. Cell 122(6):957-968(2005)Gimeno, R.E., et al. J. Biol. Chem. 278(18):16039-16044(2003)Steinberg, S.J., et al. J. Biol. Chem. 275(21):15605-15608(2000)Steinberg, S.J., et al. Mol. Genet. Metab. 68(1):32-42(1999)Watkins, P.A., et al. Prostaglandins Leukot. Essent. Fatty Acids 60 (5-6), 323-328 (1999):





fatty acid protein transporter in heart (PubMed:<a href="http://www.uniprot.org/c itations/12556534" target="\_blank">12556534</a>). Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs) (By similarity).

### **Cellular Location**

Cell membrane, sarcolemma; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:E9Q9W4}; Multi-pass membrane protein. Note=In heart is exclusively located on the sarcolemma in areas juxtaposed with small blood vessels where it colocalizes CD36.

#### **Tissue Location**

Strongly expressed in heart and localizes to cardiac myocytes. Expressed at moderate levels in placenta, testis, and adrenal glands. Expressed at very low levels in kidney, bladder and uterus.

## SLC27A6 Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides