

**SLC27A6 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP17646c

**Specification**

**SLC27A6 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9Y2P4](#)

**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 transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have 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/citations/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](#)