

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

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**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**

Mediates the import of long-chain fatty acids (LCFA) into the cell by facilitating their transport at the plasma membrane (PubMed:<a href="http://www.uniprot.org/citations/12556534" target="\_blank">12556534</a>). Also functions as an acyl-CoA ligase catalyzing the ATP-dependent formation of fatty acyl-CoA using LCFA and very-long-chain fatty acids (VLCFA) as substrates (By similarity). Plays a pivotal role in regulating available LCFA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation such as the heart (PubMed:<a href="http://www.uniprot.org/citations/12556534" target="\_blank">12556534</a>).

**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 (PubMed:12556534). 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](#)

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

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

This gene encodes a member of the fatty acid transportprotein 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) :