

## SLC27A3 Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP13457a

## **Specification**

SLC27A3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession <u>Q5K4L6</u>

SLC27A3 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 11000

### **Other Names**

Long-chain fatty acid transport protein 3, FATP-3, Fatty acid transport protein 3, 621-, Solute carrier family 27 member 3, Very long-chain acyl-CoA synthetase homolog 3, VLCS-3, SLC27A3, ACSVL3, FATP3

### **Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13457a was selected from the N-term region of SLC27A3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

#### **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.

SLC27A3 Antibody (N-term) Blocking peptide - Protein Information

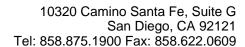
Name SLC27A3 (<u>HGNC:10997</u>)

# SLC27A3 Antibody (N-term) Blocking peptide - Background

SLC27A3 has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids. Does not exhibit fatty acid transport activity (By similarity).

## SLC27A3 Antibody (N-term) Blocking peptide - References

Pei, Z., et al. Cancer Res. 69(24):9175-9182(2009)Pei, Z., et al. J. Biol. Chem. 279(52):54454-54462(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Hirsch, D., et al. Proc. Natl. Acad. Sci. U.S.A. 95(15):8625-8629(1998)





### **Function**

Has acyl-CoA ligase activity for long-chain and very-long- chain fatty acids (PubMed:<a href="http://www.uniprot.org/c itations/23936004" target="\_blank">23936004</a>). Does not exhibit fatty acid transport activity (By similarity).

## **Cellular Location**

Mitochondrion membrane; Single-pass membrane protein

### **Tissue Location**

Expressed in bronchial and bronchiolar epithelial cells (at protein level).

## **SLC27A3 Antibody (N-term) Blocking** peptide - Protocols

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

• Blocking Peptides