

# SLC27A5 rabbit monoclonal antibody

Catalog # H00010998-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SLC27A5 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SLC27A5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SLC27A5 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SLC27A5

Entrez GeneID	<a href="#">10998</a>
GeneBank Accession#	<a href="#">SLC27A5</a>
Gene Name	SLC27A5
Gene Alias	ACSB, ACSVL6, FACVL3, FATP5, FLJ22987, VLACSR, VLCS-H2, VLCSH2
Gene Description	solute carrier family 27 (fatty acid transporter), member 5
Omim ID	<a href="#">603314</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is an isozyme of very long-chain acyl-CoA synthetase (VLCS). It is capable of activating very long-chain fatty-acids containing 24- and 26-carbons. It is expressed in liver and associated with endoplasmic reticulum but not with peroxisomes. Its primary role is in fatty acid elongation or complex lipid synthesis rather than in degradation. This gene has a mouse ortholog. [provided by RefSeq]
Other Designations	fatty-acid-Coenzyme A ligase, very long-chain 3 very long-chain acyl-CoA synthetase homolog 2 very long-chain acyl-CoA synthetase-related protein

## Pathway

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Primary bile acid biosynthesis](#)

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)