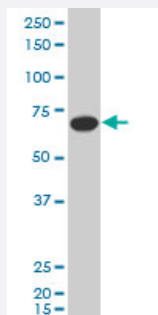


SLC27A5 polyclonal antibody (A01)

Catalog # H00010998-A01

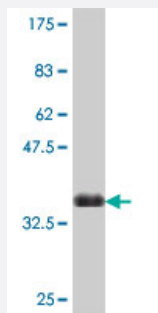
Size 50 uL

Applications



Western Blot (Tissue lysate)

SLC27A5 polyclonal antibody (A01), Lot # 060703JCS1. Western Blot analysis of SLC27A5 expression in human liver.



Western Blot detection against Immunogen (35.57 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SLC27A5.
Immunogen	SLC27A5 (NP_036386, 90 a.a. ~ 175 a.a) partial recombinant protein with GST tag.
Sequence	DVIFLAKILHLGLKIRGCLSRQPPDTFVDAFERRARAQPGRALLVWTGPGAGSVTFGELDARACQ AAWALKAE LGDPASLCAGEPT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (71)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.57 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SLC27A5 polyclonal antibody (A01), Lot # 060703JCS1. Western Blot analysis of SLC27A5 expression in human liver.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SLC27A5

Entrez GeneID

[10998](#)

GeneBank Accession#

[NM_012254](#)

Protein Accession#

[NP_036386](#)

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

[603314](#)

Gene Ontology

[Hyperlink](#)

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](#)