
Product Name: SLC27A5 Mouse Monoclonal Antibody**Catalog #: AMM83033**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	75.4kDa

Antigen Information

Gene Name	SLC27A5
Alternative Names	BAL; ACSB; BACS; FATP5; ACSVL6; FACVL3; FATP-5; VLACSR; VLCSH2; VLCS-H2
Gene ID	10998.0
SwissProt ID	Q9Y2P5
Immunogen	Purified recombinant fragment of human SLC27A5 (AA: 508-570) expressed in E. Coli.

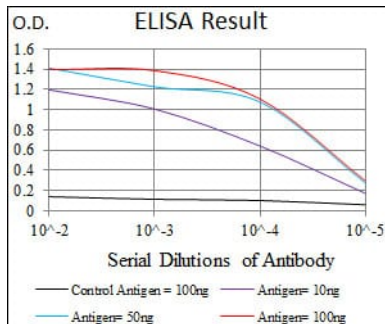
Background

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

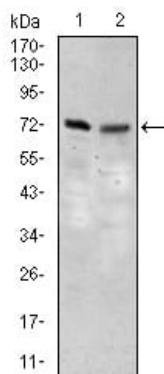
has a mouse ortholog.

Research Area

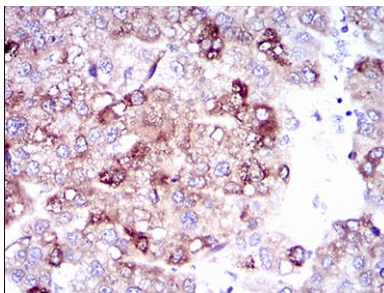
Image Data



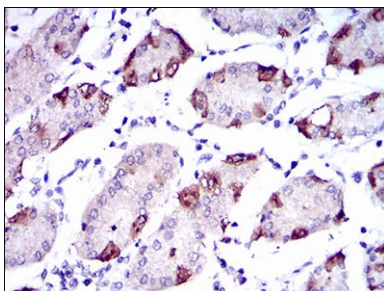
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using SLC27A5 mouse mAb against 3T3L1 (1) and NIH3T3 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using SLC27A5 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach tissues using SLC27A5 mouse mAb with DAB staining.