

SLC27A2 antibody

Catalog No: #38177

Package Size: #38177-1 50ul #38177-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

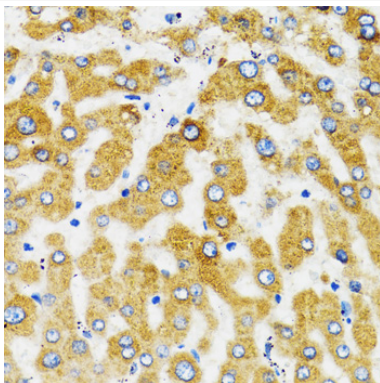
Description

Product Name	SLC27A2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total SLC27A2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human SLC27A2 (NP_001153101.1).
Target Name	SLC27A2
Other Names	SLC27A2;ACSVL1;FACVL1;FATP2;HsT17226;VLACS;VLCS;hFACVL1
Accession No.	Uniprot:O14975GeneID:11001
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GeneID	11001
SDS-PAGE MW	70kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

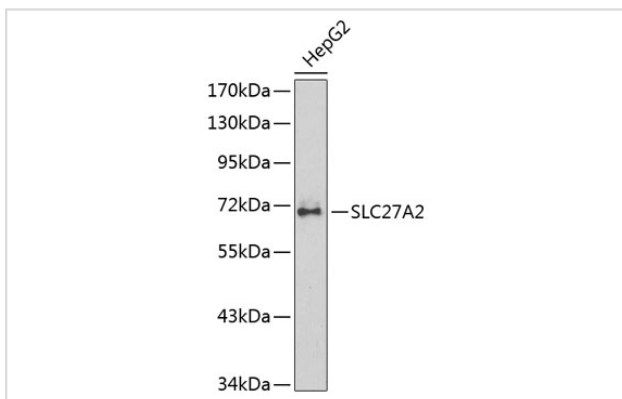
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

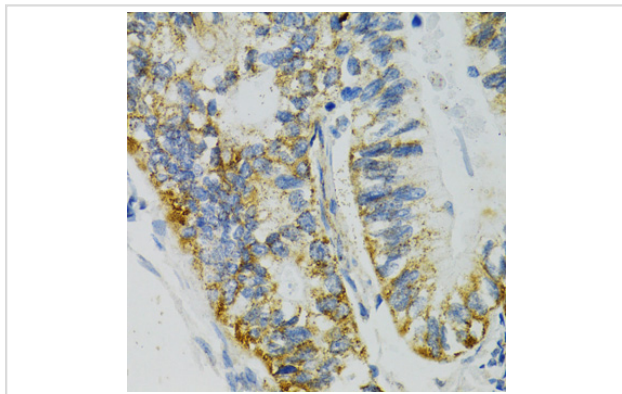
Images



Immunohistochemistry of paraffin-embedded human liver using SLC27A2 antibody.



Western blot analysis of extracts of HepG2 cells, using SLC27A2 antibody.



Immunohistochemistry of paraffin-embedded human gastric cancer using SLC27A2 antibody.

Background

The protein encoded by this gene is an isozyme of long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme activates long-chain, branched-chain and very-long-chain fatty acids containing 22 or more carbons to their CoA derivatives. It is expressed primarily in liver and kidney, and is present in both endoplasmic reticulum and peroxisomes, but not in mitochondria. Its decreased peroxisomal enzyme activity is in part responsible for the biochemical pathology in X-linked adrenoleukodystrophy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only