SLC27A2 Polyclonal Antibody

Catalog Number:E-AB-60173

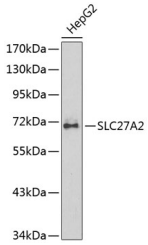
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

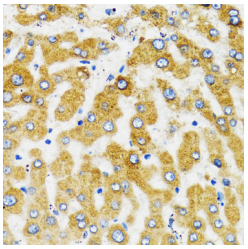
Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human SLC27A2 (NP_001153101.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

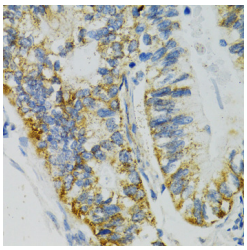
Data



Western blot analysis of extracts of HepG2 cells using SLC27A2 Polyclonal Antibody.
Observed Mw:70kDa
Calculated Mw:64kDa/70kDa



Immunohistochemistry of paraffin-embedded Human liver using SLC27A2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human gastric cancer using SLC27A2 Polyclonal Antibody at dilution of 1:100 (40x lens).

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

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.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com