

Datasheet for ABIN1845739
anti-SLC27A2 antibody (AA 346-405)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	SLC27A2
Binding Specificity:	AA 346-405
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC27A2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of human SLC27A2 (AA: 346-405) expressed in E. coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	SLC27A2
Alternative Name:	SLC27A2 (SLC27A2 Products)
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

Target Details

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.

Molecular Weight: 70.3 kDa

Gene ID: 11001

UniProt: [O14975](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

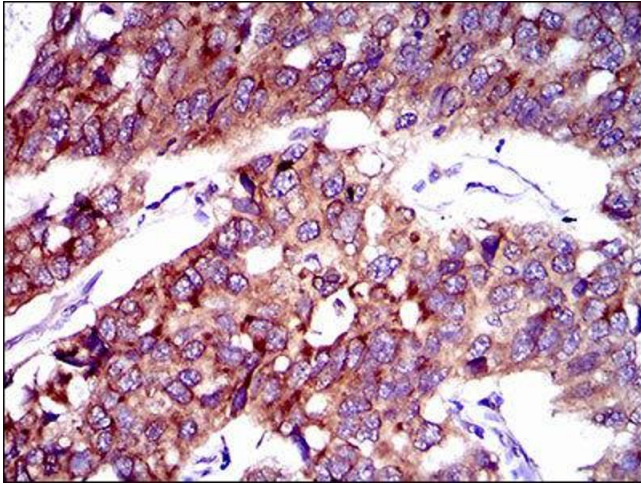
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

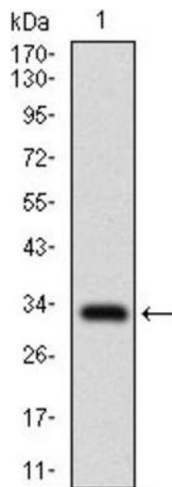
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



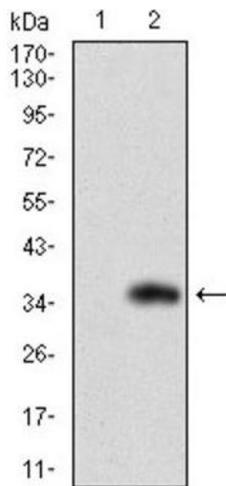
Immunohistochemistry

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1845739.