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Datasheet for ABIN7175432
anti-SLC27A2 antibody (AA 30-200)

Overview

Quantity:	100 µL
Target:	SLC27A2
Binding Specificity:	AA 30-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A2 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Very long-chain acyl-CoA synthetase protein (30-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SLC27A2
Alternative Name:	SLC27A2 (SLC27A2 Products)
Background:	Background: Acyl-CoA synthetase probably involved in bile acid metabolism. Proposed to activate C27 precursors of bile acids to their CoA thioesters derivatives before side chain

Target Details

cleavage via peroxisomal beta-oxidation occurs. In vitro, activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol. Does not utilize C24 bile acids as substrates. In vitro, also activates long- and branched-chain fatty acids and may have additional roles in fatty acid metabolism. May be involved in translocation of long-chain fatty acids (LFCA) across membranes (By similarity).

Aliases: ACSVL1 antibody, FACVL1 antibody, FATP 2 antibody, FATP-2 antibody, FATP2 antibody, Fatty acid coenzyme A ligase, very long chain 1 antibody, Fatty acid transport protein 2 antibody, Fatty-acid-coenzyme A ligase antibody, hFACVL1 antibody, HsT17226 antibody, Long chain fatty acid CoA ligase antibody, Long-chain-fatty-acid--CoA ligase antibody, S27A2_HUMAN antibody, Slc27a2 antibody, Solute carrier family 27 (fatty acid transporter), member 2 antibody, Solute carrier family 27 member 2 antibody, THCA CoA ligase antibody, THCA-CoA ligase antibody, Very long chain acyl CoA synthetase antibody, Very long chain fatty acid CoA ligase antibody, Very long chain fatty acid coenzyme A ligase 1 antibody, very long-chain 1 antibody, Very long-chain acyl-CoA synthetase antibody, Very long-chain-fatty-acid-CoA ligase antibody, VLACS antibody, VLCS antibody

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

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.