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anti-SLC27A2 antibody (AA 283-620) (Biotin)



Go to Product page

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| Quantity: | 100 μg |
|----------------------|-----------------------------------------------|
| Target: | SLC27A2 |
| Binding Specificity: | AA 283-620 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC27A2 antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| Immunogen: | Recombinant Human Very long-chain acyl-CoA synthetase protein (283-620AA) | |
|-------------------|---------------------------------------------------------------------------|--|
| Isotype: | IgG | |
| Cross-Reactivity: | Human | |
| Purification: | >95%, Protein G 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 | |

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, 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: 014975

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:

Buffer:

Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative:

ProClin

Precaution of Use:

This product contains ProClin: 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.