

PACO29936

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Acyl-CoA synthetase probably involved in bile acid, metabolism. Proposed to activate C27 precursors of bile acid, 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 acid, as substrates. In vitro, also activates long- and branched-chain fatty acid, and may have additional roles in fatty acid, metabolism. May be involved in translocation of long-chain fatty acid, (LFCA) across membranes.

Gene ID:

SLC27A2

Uniprot

O14975

Synonyms:

Very long-chain acyl-CoA synthetase (VLACS) (VLCS) (Fatty acid, transport protein 2) (FATP-2) (Fatty-acid, coenzyme A ligase, very long-chain 1) (Long-chain-fatty-acid, -CoA ligase) (Solute carrier family 27 member 2) (THCA-CoA ligase) (Very long-chain-fatty-acid, CoA ligase), SLC27A2, ACSVL1, FACVL1, FATP2, VLACS

Immunogen:

Recombinant Human Very long-chain acyl-CoA synthetase protein (283-620AA).

Storage:

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

Product Images

N/A

N/A