

## SLC27A2 ACSVL1 Antibody FITC Conjugated

Catalog No: #C05029F

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## Description

Product Name	SLC27A2 ACSVL1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 430-480 620 derived from human SLC27A2 ACSVL1
Conjugates	FITC
Target Name	SLC27A2 ACSVL1
Other Names	VLCS; FATP2; VLACS; ACSVL1; FACVL1; hFACVL1; HsT17226; Very long-chain acyl-CoA synthetase; 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 I
Accession No.	Swiss-Prot#O14975NCBI Gene ID11001
Uniprot	O14975
GeneID	11001;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## 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).

Note: This product is for in vitro research use only