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## Datasheet for ABIN7175428 anti-SLC27A2 antibody (AA 283-620)



Overview

Quantity:	100 µg
Target:	SLC27A2
Binding Specificity:	AA 283-620
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 (283-620AA)
lsotype:	lgG
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	

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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-acidCoA 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:	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:	Liquid
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.

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