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## Datasheet for ABIN751395 anti-SLC27A2 antibody (AA 401-500) (Biotin)



Overview

Quantity:	100 µL	
Target:	SLC27A2	
Binding Specificity:	AA 401-500	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC27A2 antibody is conjugated to Biotin	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC27A2/ACSVL1	
lsotype:	lgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	SLC27A2	
Alternative Name:	SLC27A2/ACSVL1 (SLC27A2 Products)	

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Target Details		
Background:	Synonyms: 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-acidCoA ligase, Solute carrier family 27 member 2, THCA-CoA ligase,	
	Very long-chain-fatty-acid-CoA ligase, SLC27A2	
	Background: Acyl-CoA synthetase probably involved in bile acid metabolism. Proposed to	
	activate C27 precurors 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).	
Gene ID:	11001	
UniProt:	014975	
Pathways:	Monocarboxylic Acid Catabolic Process, SARS-CoV-2 Protein Interactome	
Application Details		
Application Notes:	WB 1:300-5000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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