



S27A6 Polyclonal Antibody

Catalog No	YP-Ab-07122
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SLC27A6 ACSVL2 FACVL2 FATP1
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	S27A6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACSVL2;FACVL2;FATP6;VLCS-H1;4732438L2Rik;FATP-6;VLACS2;VLCSH1; mVLCS-H1;S27A6_HUMAN;SLC27A6;Fatty acid transport protein 6; Arachidonate--CoA ligase;Fatty-acid-coenzyme A ligase;very long-chain 2;Long-chain-fatty-acid--CoA ligase;Solute carrier family 27 member 6;Very long-chain acyl-CoA synthetase homolog 1 (VLCSH1 hVLCS-H1);S27A6;SLC27A6 ACSVL2 FACVL2 FATP1;Long-chain fatty acid transport protein 6 (FATP-6) (Fatty acid transport protein 6) (Fatty-acid-coenzyme A ligase;very long-chain 2) (Solute carrier family 27 member 6) (Very long-chain acyl-CoA synt
Observed Band	68kD
Calculated Molecular Weight	7 kDa
Cell Pathway	Cell membrane, sarcolemma ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . In heart is exclusively located on the sarcolemma in areas juxtaposed with small blood vessels where it colocalizes CD36. .
Tissue Specificity	Strongly expressed in heart and localizes to cardiac myocytes. Expressed at moderate levels in placenta, testis, and adrenal glands. Expressed at very low levels in kidney, bladder and uterus.

Function	function:Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. Thought to function as the predominant fatty acid protein transporter in heart.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,subcellular location:In heart is exclusively located on the sarcolemma in areas juxtaposed with small blood vessels where it colocalizes CD36.,tissue specificity:Strongly expressed in heart and localizes to cardiac myocytes. Expressed at moderate levels in placenta, testis, and adrenal glands. Expressed at very low levels in kidney, bladder and uterus.,
Background	This gene encodes a member of the fatty acid transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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