

Anti-ACSL3 antibody



Description	Unconjugated Rabbit polyclonal to ACSL3
Model	STJ190932
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ACSL3 protein.
Immunogen Region	40-120aa
Gene ID	2181
Gene Symbol	ACSL3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ACSL3 Polyclonal Antibody detects endogenous levels of protein.
Purification	ACSL3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Long-chain-fatty-acid--CoA ligase 3 Long-chain acyl-CoA synthetase 3 LACS 3
Molecular Weight	79 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:35700MIM:602371
Alternative Names	Long-chain-fatty-acid--CoA ligase 3 Long-chain acyl-CoA synthetase 3 LACS 3
Function	Acyl-CoA synthetases (ACSL) activates long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL3 mediates hepatic lipogenesis . Preferentially uses myristate, laurate, arachidonate and eicosapentaenoate as substrates . Has mainly an anabolic role in energy metabolism. Required for the incorporation of fatty acids into phosphatidylcholine, the major phospholipid located on the surface of VLDL (very low density lipoproteins).
Cellular Localization	Mitochondrion outer membrane Peroxisome membrane Microsome membrane Endoplasmic reticulum membrane

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