

Anti-ACSL5 antibody



Description	Unconjugated Rabbit polyclonal to ACSL5
Model	STJ190933
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ACSL5 protein.
Immunogen Region	460-540aa
Gene ID	51703
Gene Symbol	ACSL5
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ACSL5 Polyclonal Antibody detects endogenous levels of protein.
Purification	ACSL5 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 5 Long-chain acyl-CoA synthetase 5 LACS 5
Molecular Weight	75 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:16526OMIM:605677
Alternative Names	Long-chain-fatty-acid--CoA ligase 5 Long-chain acyl-CoA synthetase 5 LACS 5
Function	Acyl-CoA synthetases (ACSL) activate long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL5 may activate fatty acids from exogenous sources for the synthesis of triacylglycerol destined for intracellular storage . Utilizes a wide range of saturated fatty acids with a preference for C16-C18 unsaturated fatty acids . It was suggested that it may also stimulate fatty acid oxidation . At the villus tip of the crypt-villus axis of the small intestine may sensitize epithelial cells to apoptosis specifically triggered by the death ligand TRAIL. May have a role in the survival of glioma cells.
Cellular Localization	Mitochondrion. Endoplasmic reticulum. Mitochondrion outer membrane Endoplasmic reticulum membrane

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