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Datasheet for ABIN7158513
anti-ACSL5 antibody (AA 33-683) (Biotin)

Overview

Quantity:	100 µg
Target:	ACSL5
Binding Specificity:	AA 33-683
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL5 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Long-chain-fatty-acid--CoA ligase 5 protein (33-683AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ACSL5
Alternative Name:	ACSL5 (ACSL5 Products)
Background:	Background: 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

Target Details

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.

Aliases: ACSL5 antibody, ACS5 antibody, FACL5 antibody, UNQ633/PRO1250 antibody, Long-chain-fatty-acid--CoA ligase 5 antibody, EC 6.2.1.3 antibody, Arachidonate--CoA ligase antibody, EC 6.2.1.15 antibody, Long-chain acyl-CoA synthetase 5 antibody, LACS 5 antibody

UniProt: [Q9ULC5](#)

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.