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Datasheet for ABIN7111272 **anti-Acsl3 antibody**

Overview

Quantity:	100 µg
Target:	Acsl3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acsl3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	acyl-CoA synthetase long-chain family member 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Acsl3
Alternative Name:	ACSL3 (Acsl3 Products)
Background:	Synonyms:ACSL3, LACS3, ACS3, FACL3, LACS 3 Background:Acyl-CoA synthetases(ACSL) activates long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL3 mediates hepatic lipogenesis(By similarity). Preferentially uses myristate, laurate, arachidonate and eicosapentaenoate as substrates(By similarity). Has mainly an

Target Details

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).

Molecular Weight: 80 kDa

Gene ID: 2181

UniProt: [O95573](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:200-1:2000, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months