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Datasheet for ABIN7111274  
**anti-ACSL5 antibody**

### Overview

Quantity:	100 µg
Target:	ACSL5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	acyl-CoA synthetase long-chain family member 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	ACSL5
Alternative Name:	ACSL5 ( <a href="#">ACSL5 Products</a> )
Background:	Synonyms:ACS2, ACS5, ACSL5, FAACL5, LACS 5 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 exogenous sources for the synthesis of triacylglycerol destined for intracellular storage(By similarity). Utilizes a wide range of saturated

## Target Details

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fatty acids with a preference for C16-C18 unsaturated fatty acids(By similarity). It was suggested that it may also stimulate fatty acid oxidation(By similarity). 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.

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Molecular Weight: 70 kDa

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Gene ID: 51703

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UniProt: [Q9ULC5](#)

## Application Details

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Application Notes: WB: 1:500-1:5000, IP: 1:200-1:2000

Restrictions: For Research Use only

## Handling

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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