

# ACSL1 Rabbit pAb

Catalog No.: A1000 **4 Publications**

## Basic Information

### Observed MW

78kDa

### Calculated MW

78kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

<b>WB</b>	1:200 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	1:50 - 1:100

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
2180	P33121

### Immunogen

A synthetic peptide of human ACSL1

### Synonyms

ACS1; LACS; FAEL1; FAEL2; LACS1; LACS2

## Contact

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## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

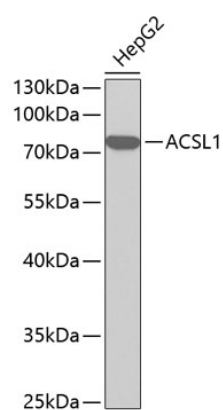
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of HepG2 cells, using ACSL1 antibody (A1000).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.