

# 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

### Gene ID

2180

### Swiss Prot

P33121

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ACS1; LACS; FACL1; FACL2; LACS1; LACS2; ACSL1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

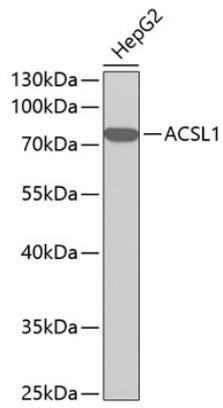
### Storage

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 lysates from HepG2 cells, using ACSL1 Rabbit pAb (A1000).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.