

## Anti-ACSL1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P104922

### Product Information

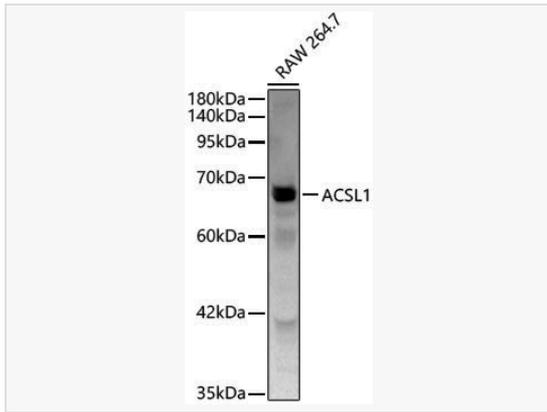
Application	WB, ELISA
Reactivity	Mouse
Dilution	WB 1:1,000~1:5,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 590-698 of human ACSL1(NP_001986.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ACSL1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	ACSL1; ACS1; FAACL1; FAACL2; LACS; LACS1; LACS2; long-chain-fatty-acid--CoA ligase 1.
Calculated MW	Calculated MW: 76 kDa/77 kDa; Observed MW: 68 kDa
Uniprot ID	P33121
Gene ID	2180
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.

## Validation Images

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Western blot analysis of lysates from RAW 264.7 cells using ACSL1 Rabbit pAb (P104922) at 1:2,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 30s.