

Datasheet for ABIN1881044  
**anti-ACSL1 antibody (C-Term)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	ACSL1 (Acs1l)
Binding Specificity:	AA 505-533, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This ACSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 505-533 amino acids from the C-terminal region of human ACSL1.
Clone:	RB42775
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ACSL1 (Acs1l)
Alternative Name:	ACSL1 ( <a href="#">Acs1l Products</a> )
Background:	The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase

## Target Details

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. [provided by RefSeq].

Molecular Weight: 77943

NCBI Accession: [NP\\_001986](#)

UniProt: [P33121](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

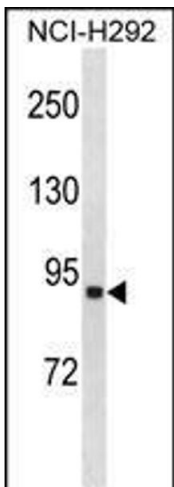
Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Publications

Product cited in: Oppermann, Gnad, Olsen, Hornberger, Greff, Kéri, Mann, Daub: "Large-scale proteomics analysis of the human kinome." in: **Molecular & cellular proteomics : MCP**, Vol. 8, Issue 7, pp. 1751-64, (2009) ([PubMed](#)).

Deloukas, Matthews, Ashurst, Burton, Gilbert, Jones, Stavrides, Almeida, Babbage, Bagguley, Bailey, Barlow, Bates, Beard, Beare, Beasley, Bird, Blakey, Bridgeman, Brown, Buck, Burrill, Butler, Carder et al.: "The DNA sequence and comparative analysis of human chromosome 20. ..." in: **Nature**, Vol. 414, Issue 6866, pp. 865-71, (2002) ([PubMed](#)).



Western Blotting

**Image 1.** ACSL1 Antibody (C-term) (ABIN1881044 and ABIN2839099) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ACSL1 antibody detected the ACSL1 protein (arrow).