

Datasheet for ABIN540795

anti-ACSL1 antibody (AA 1-100)[Go to Product page](#)

1 Image

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Overview

Quantity:	100 µL
Target:	ACSL1 (Acs1l)
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse, Rat, Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of ACSL1.
Immunogen:	A synthetic peptide corresponding to amino acids 1-100 of human ACSL1.
Cross-Reactivity:	Human, Mouse, Primate, Rat

Target Details

Target:	ACSL1 (Acs1l)
Alternative Name:	ACSL1 (Acs1l Products)
Gene ID:	2180
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western Blot (1 µg/mL) The optimal working dilution should be determined by the end user.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	In PBS (30 % glycerol, 0.09 % sodium azide)
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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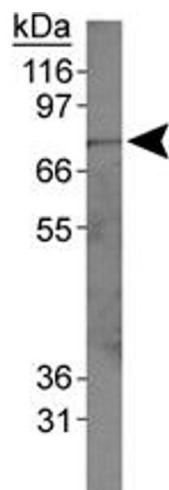
Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Publications

Product cited in:	Richards, Harp, Ory, Schaffer: "Fatty acid transport protein 1 and long-chain acyl coenzyme A synthetase 1 interact in adipocytes." in: Journal of lipid research , Vol. 47, Issue 3, pp. 665-72, (2006) (PubMed).
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Parkes, Preston, Wilks, Ballesteros, Carpenter, Wood, Kraegen, Furler, Cooney: "Overexpression of acyl-CoA synthetase-1 increases lipid deposition in hepatic (HepG2) cells and rodent liver in vivo." in: **American journal of physiology. Endocrinology and metabolism**, Vol. 291, Issue 4, pp. E737-44, (2006) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of ACSL1 in HepG2 whole cell lysates using ACSL1 polyclonal antibody .