

Rabbit ACSL1 Polyclonal Antibody | anti-ACSL1 antibody

ACSL1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23417	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

ACSL1; Polyclonal Antibody; ACSL1 antibody - C-terminal region; anti-ACSL1 antibody

PRODUCT SPECIFICATIONS

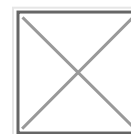
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: GS FEELCRNKDV KKAILED MVR LGKDSGLKPF EQVKGITLHP ELFSIDNG
Sequence Length	698
Applicable Applications for anti-ACSL1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Additional Information IHC Information: Paraffin embedded placenta tissue, tested with an antibody dilution of 5 ug/ml.
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 79%; Horse: 85%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ACSL1
Protein Size (# AA)	698 amino acids
Protein Interactions	SUMO2; PARK2; ATP4A; UBC; NR3C2; ECT2; UBD;
Blocking Peptide	For anti-ACSL1 (AAA23417) antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ACSL1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate



WB (Western Blot)

Human Hela

**WB (Western Blot)**

Human 721_B cells ACSL1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

**WB (Western Blot)**

Hum. Fetal Brain

**IHC (Immunohistochemistry)**

Human kidney

**IHC (Immunohistochemistry)**

heart, liver, pancreas, brain

ADDITIONAL INFORMATION

Related Product Information for anti-ACSL1 antibody	This is a rabbit polyclonal antibody against ACSL1. It was validated on Western Blot and immunohistochemistry Target Description: ACSL1 encodes 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ACSL1 antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Disease Related ; DNA/RNA/Protein Interactions ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807491
NCBI GeneID	2180
NCBI Accession #	NP_001986
NCBI GenBank Nucleotide #	NM_001995
UniProt Accession #	P33121
Molecular Weight	78kDa
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase 1 isoform a
NCBI Official Synonym Full Names	acyl-CoA synthetase long chain family member 1
NCBI Official Symbol	ACSL1
NCBI Official Synonym Symbols	ACS1; LACS; FACL1; FACL2; LACS1; LACS2
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 1
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 1
UniProt Gene Name	ACSL1
UniProt Synonym Gene Names	FACL1; FACL2; LACS; LACS1; LACS2; ACS1; LACS 1; LACS 2
UniProt Entry Name	ACSL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acsl1-antibody-western-blot-immunohistochemistry-elisa/23417>