

Rabbit ACSL5 Polyclonal Antibody | anti-ACSL5 antibody

ACSL5 Polyclonal Antibody

CATALOG # AAA37050	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
------------------------------	-----------------------	--	-------------------------------------

PRODUCT SYNONYMS

ACSL5; Polyclonal Antibody; ACSL5 Polyclonal Antibody; ACS2; ACS5; FACL5; anti-ACSL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	683
Applicable Applications for anti-ACSL5 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ACSL5
Calculated Molecular Weight	76kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using ACSL5 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACSL5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACSL5 antibody	Acyl-CoA synthetase 5, a member of the ACSL gene family that catalyzes the activation of long-chain fatty acids for lipid biosynthesis, is the only ACSL isoform that is both, located on mitochondria and functionally involved in enterocyte apoptosis.ACSL5 could play a role in promoting fatty acid-induced lipoapoptosis in hepatocytes as important mechanism in fatty liver-related disorders(PMID:20470896). ACSL5 is most abundant in liver, brown adipose tissue, and intestine and is located on both the mitochondrial membrane and endoplasmic reticulum(PMID:20798351). It has 3 isoforms produced by alternative splicing. This antibody is specific to ACSL5.
Product Categories/Family for anti-ACSL5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	13431659
NCBI GeneID	51703
UniProt Accession #	Q9ULC5; Q6UX44; Q9UIU4; A6GV77; D3DRB3
Molecular Weight	683
NCBI Official Full Name	Long-chain-fatty-acid--CoA ligase 5
NCBI Official Synonym Full Names	acyl-CoA synthetase long-chain family member 5
NCBI Official Symbol	ACSL5
NCBI Official Synonym Symbols	ACS2; ACS5; FACL5
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 5; LACS 5; fatty acid coenzyme A ligase 5; long-chain acyl-CoA synthetase 5; FACL5 for fatty acid coenzyme A ligase 5; long-chain fatty acid coenzyme A ligase 5; fatty-acid-Coenzyme A ligase, long-chain 5
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 5
UniProt Gene Name	ACSL5
UniProt Synonym Gene Names	ACS5; FACL5; LACS 5
UniProt Entry Name	ACSL5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/acsl5-antibody-western-blot-elisa/37050>