

Rabbit anti-Human, Mouse ACSL6 Polyclonal Antibody | anti-ACSL6 antibody

ACSL6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231116	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ACSL6; Polyclonal Antibody; ACSL6 Antibody; Long-chain-fatty-acid--CoA ligase 6; Long-chain acyl-CoA synthetase 6; LACS 6; ACS2; FACL6; KIAA0837; LACS5; anti-ACSL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	722
Applicable Applications for anti-ACSL6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Long-chain-fatty-acid--CoA ligase 6 protein (C-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48004 / sc-48003 / sc-48005 / sc-134498
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA231116 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231116 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ACSL6 antibody at 4.64 ug/mL Lane 1: Mouse liver tissue Lane 2: Mouse heart tissue Lane 3: Mouse brain tissue Lane 4: Mouse gonadal tissue Lane 5: Jurkat whole cell lysate Lane 6: Raji whole cell lysate Lane 7: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 78,81,75,77,80,70 kDa Observed band size: 78,42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACSL6 antibody	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Plays an important role in fatty acid metabolism in brain and the acyl-CoAs produced may be utilized exclusively for the synthesis of the brain lipid.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57165412
NCBI GeneID	23305
NCBI Accession #	NP_001009185.1
NCBI GenBank Nucleotide #	NM_001009185.2
UniProt Accession #	Q9UKU0; O94924; O95829; Q108M9; Q108N0; Q4G191; Q86TN7; J3KPG3
Molecular Weight	79,040 Da
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase 6 isoform b
NCBI Official Synonym Full Names	acyl-CoA synthetase long-chain family member 6
NCBI Official Symbol	ACSL6
NCBI Official Synonym Symbols	ACS2; FACL6; LACS2; LACS5; LACS 6
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 6
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 6
UniProt Gene Name	ACSL6
UniProt Synonym Gene Names	ACS2; FACL6; KIAA0837; LACS5; LACS 6
UniProt Entry Name	ACSL6_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.