

Rabbit anti-Human, mouse FACL6 Polyclonal Antibody | anti-ACSL6 antibody

FACL6 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285550	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

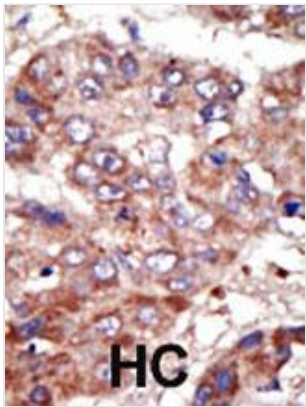
PRODUCT SYNONYMS

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

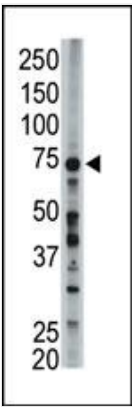
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FACL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-270 amino acids from the Central region of human FACL6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	240-270
Sequence Length	708
Applicable Applications for anti-ACSL6 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-ACL6 Pab is used in Western blot to detect ACL6 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ACSL6 antibody	ACL6 is involved in activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. It 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. ACL6 is expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood cells derieved from fetal liver, haemopoietic stem cells from cord blood, bone marrow, and brain. Expression is low at earlier stages of erythroid development but is very high in reticulocytes. This protein is involved in myelodysplastic syndrome (MDS) with basophilia, acute myelogenous leukemia (AML) with eosinophilia, and acute eosinophilic leukemia (AEL). It is characterized by a chromosomal translocation t(5;12)(q31;p13) that involves ETV6 and ACSL6.
Product Categories/Family for anti-ACSL6 antibody	Cardiovascular; Metabolism; Signal transduction
References	Yagasaki, F., et al., Genes Chromosomes Cancer 26(3):192-202 (1999). Nagase, T., et al., DNA Res. 5(6):355-364 (1998). Malhotra, K.T., et al., Biochem. J. 344 Pt 1, 135-143 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	57165412
NCBI GeneID	23305
NCBI Accession #	NP_001009185.1; NP_001192176.1; NP_001192177.1; NP_001192179.1; NP_001192180.1; NP_056071.2
NCBI GenBank Nucleotide #	NM_001009185.2
UniProt Accession #	Q9UKU0; O94924; O95829; Q108M9; Q108N0; Q4G191; Q86TN7; J3KPG3
Molecular Weight	77752
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fac16-antibody-western-blot-immunohistochemistry-elisa/285550>