

Rabbit ACADL Polyclonal Antibody | anti-ACADL antibody

ACADL Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286391	Rabbit	Human, mouse (Predicted Reactivity: Monkey, Pig)	Immunohistochemistry, ELISA, Western Blot

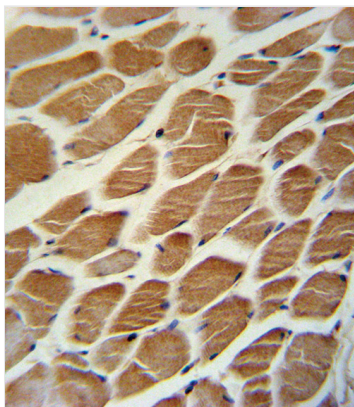
PRODUCT SYNONYMS

ACADL; Polyclonal Antibody; ACADL Antibody (Center); Long-chain specific acyl-CoA dehydrogenase; mitochondrial; LCAD; anti-ACADL antibody

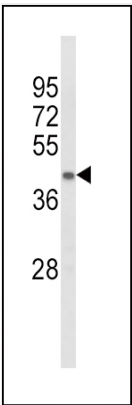
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACADL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 292-319 amino acids from the Central region of human ACADL.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	292-319
Sequence Length	430
Applicable Applications for anti-ACADL antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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 (Immunohistochemistry)
ACADL Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ACADL Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ACADL Antibody (Center) in mouse kidney tissue lysates (35ug/lane). ACADL (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADL antibody	ACADL belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid.
Product Categories/Family for anti-ACADL antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Lu,Y., et.al., J. Lipid Res. 49 (12), 2582-2589 (2008) Lea,W., et.al., Biochim. Biophys. Acta 1485 (2-3), 121-128 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501857
NCBI GeneID	33
NCBI Accession #	NP_001599.1
NCBI GenBank Nucleotide #	NM_001608.3
UniProt Accession #	P28330; Q8IUN8; B2R8T3
Molecular Weight	47656
NCBI Official Full Name	long-chain specific acyl-CoA dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, long chain
NCBI Official Symbol	ACADL
NCBI Official Synonym Symbols	LCAD; ACAD4
NCBI Protein Information	long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADL
UniProt Synonym Gene Names	LCAD
UniProt Entry Name	ACADL_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/acadl-antibody-immunohistochemistry-western-blot-elisa/286391>