

Rabbit ACADL Polyclonal Antibody | anti-ACADL antibody

ACADL Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311131	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

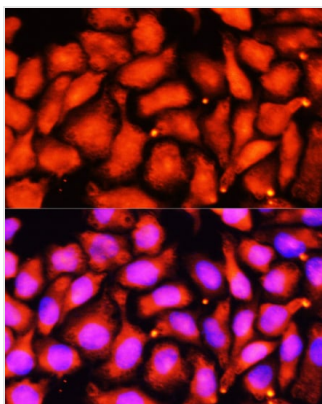
PRODUCT SYNONYMS

ACADL; Polyclonal Antibody; ACADL Polyclonal Antibody; ACAD4; LCAD; acyl-CoA dehydrogenase; long chain; anti-ACADL antibody

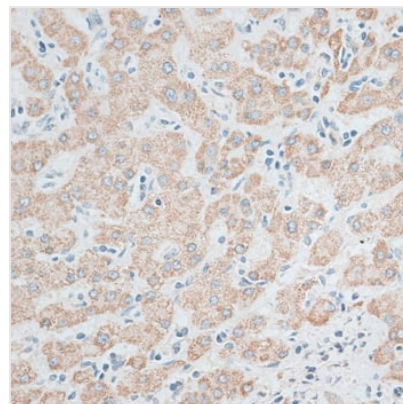
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ACADL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ACADL (NP_001599.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

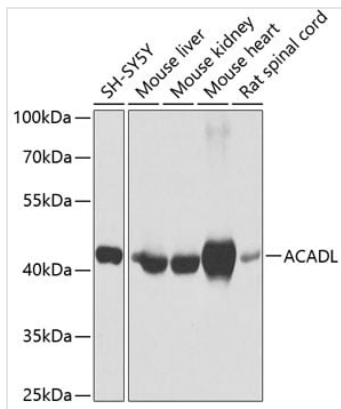
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ACADL antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using ACADL antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ACADL antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADL antibody	The protein encoded by this gene 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. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia.
Product Categories/Family for anti-ACADL antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501857
NCBI GeneID	33
NCBI Accession #	NP_001599.1
NCBI GenBank Nucleotide #	NM_001608.3
UniProt Accession #	P28330; Q8IU8; B2R8T3
Molecular Weight	47,656 Da
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; acyl-Coenzyme A dehydrogenase, long chain
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.