

Rabbit ACADL Polyclonal Antibody | anti-ACADL antibody

ACADL Antibody

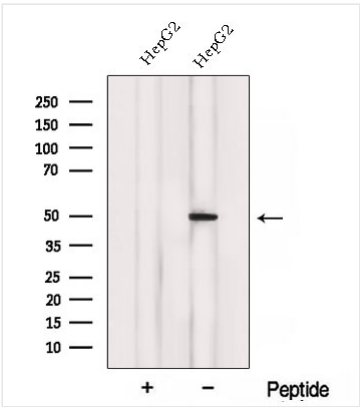
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328761	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

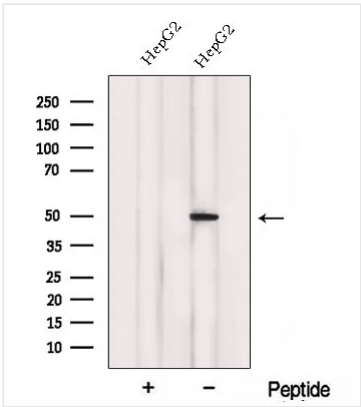
ACADL; Polyclonal Antibody; ACADL Antibody; ACAD4; ACADL_HUMAN; Acyl Coenzyme A dehydrogenase long chain; Acyl-CoA dehydrogenase long chain; FLJ94052; LCAD; Long chain acyl CoA dehydrogenase; Long-chain specific acyl-CoA dehydrogenase; mitochondrial; anti-ACADL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	ACADL Antibody detects endogenous levels of ACADL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	430
Applicable Applications for anti-ACADL antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACADL.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Mitochondrion
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using ACADL Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Rat heart, using ACADL Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADL antibody	Description: A number of straight-chain acyl-CoA dehydrogenases of different substrate specificities are present in mammalian tissues.
	Post Translational Modifications: Acetylation at Lys-318 and Lys-322 in proximity of the cofactor-binding sites strongly reduces catalytic activity. These sites are deacetylated by SIRT3 (By similarity).
	Subunit Structure: Homotetramer.
	Similarity: Belongs to the acyl-CoA dehydrogenase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223590148
NCBI GeneID	33
UniProt Accession #	P28330
Molecular Weight	Observed: 48 kDa Predicted: 48 kDa
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.