

Rabbit ACADVL Polyclonal Antibody | anti-ACADVL antibody

ACADVL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323068	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

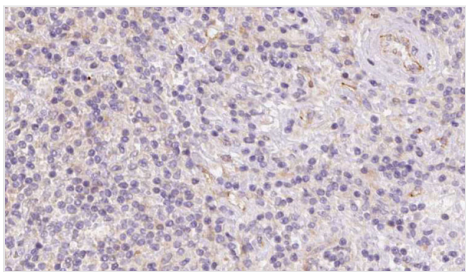
PRODUCT SYNONYMS

ACADVL; Polyclonal Antibody; ACADVL Antibody; ACAD 6; ACAD6; ACADV_HUMAN; Acadvl; Acyl CoA dehydrogenase very long chain; Acyl Coenzyme A dehydrogenase very long chain; LCACD; mitochondrial; Very long chain specific acyl CoA dehydrogenase; Very long chain specific acyl CoA dehydrogenase mitochondrial; Very long-chain specific acyl-CoA dehydrogenase; VLCAD; anti-ACADVL antibody

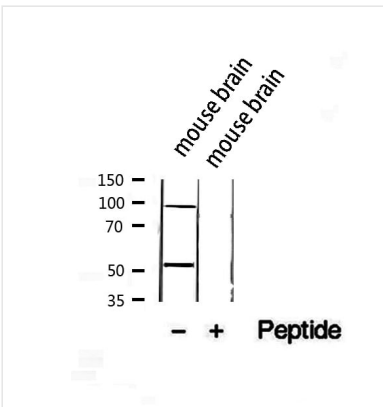
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ACADVL antibody detects endogenous levels of ACADVL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
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	655
Applicable Applications for anti-ACADVL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACADVL.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit, Dog
Similarity	Bovine (91%), Sheep (91%), Rabbit (82%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323068 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using ACADVL antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADVL antibody	Function: Active toward esters of long-chain and very long chain fatty acids such as palmitoyl-CoA, mysritoyl-CoA and stearoyl-CoA. Can accommodate substrate acyl chain lengths as long as 24 carbons, but shows little activity for substrates of less than 12 carbons. Subunit Structure: Homodimer. Post-translational Modifications: S-nitrosylation at Cys-237 in liver improves catalytic efficiency. Similarity: Belongs to the acyl-CoA dehydrogenase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557235
NCBI GeneID	37
NCBI Accession #	NP_000009.1
NCBI GenBank Nucleotide #	NM_000018.3
UniProt Accession #	P49748; O76056; Q8WUL0; B4DEB6; F5H2A9
Molecular Weight	Observed: 98 kDa; 51 kDa Predicted: 71 kDa
NCBI Official Full Name	very long-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase very long chain
NCBI Official Symbol	ACADVL
NCBI Official Synonym Symbols	ACAD6; LCACD; VLCAD
NCBI Protein Information	very long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADVL
UniProt Synonym Gene Names	VLCAD; VLCAD

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.