

Rabbit ACADVL Polyclonal Antibody | anti-ACADVL antibody

ACADVL antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200371	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

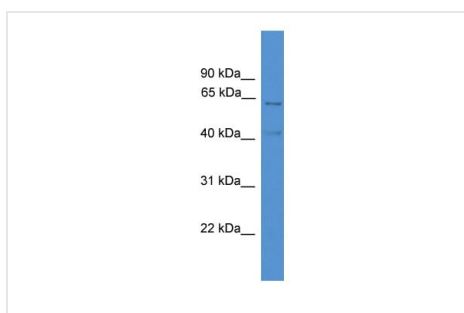
PRODUCT SYNONYMS

ACADVL; Polyclonal Antibody; ACADVL antibody - C-terminal region; anti-ACADVL antibody

PRODUCT SPECIFICATIONS

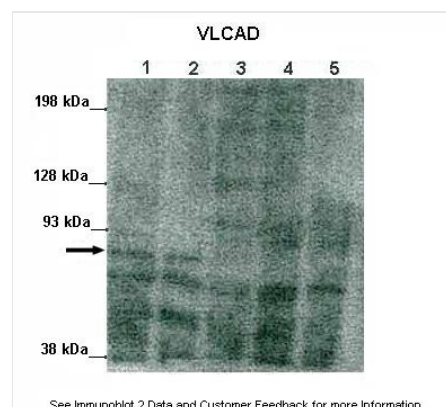
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: ID LYAMVVLSR ASRSLSEGHP TAQHEKMLCD TWCIEAAARI REGMAALQ
Sequence Length	633
Applicable Applications for anti-ACADVL antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 79%; Rat: 93%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ACADVL
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ACADVL Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: ACHN cell lysate
 ACADVL is supported by BioGPS gene expression data to be expressed in ACHN



WB (Western Blot)

Lanes: 1: Normal controls Normal enzyme expression
 2: Normal controls Normal enzyme expression
 3: Positive mutants Defective enzyme expression
 4: Positive mutants Defective enzyme expression
 5: Positive mutants Defective enzyme expression
 Primary Antibody Dilution: 1:2000
 Secondary Antibody Dilution: 1:1000
 Gene Name: ACADVL
 Submitted by: David Lombert, Medical College of Wisconsin

ADDITIONAL INFORMATION

Related Product Information for anti-ACADVL antibody	This is a rabbit polyclonal antibody against ACADVL. It was validated on Western Blot Target Description: ACADVL is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in ACADVL protein reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy.
Product Categories/Family for anti-ACADVL antibody	Polyclonal; Drugs and Drug Metabolism; Cardiovascular; Cell Biology; Immunology; Mitochondria; Signal Transduction; Various; Membrane & Traffic; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	76496475
NCBI GeneID	37
NCBI Accession #	NP_001029031
NCBI GenBank Nucleotide #	NM_001033859
UniProt Accession #	P49748
Molecular Weight	64kDa
NCBI Official Full Name	very long-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 2
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
UniProt Entry Name	ACADV_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.