

Product datasheet for **TA334969**

ACADVL Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACADVL antibody: synthetic peptide directed towards the C terminal of human ACADVL. Synthetic peptide located within the following region: IDLYAMVVLSRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	acyl-CoA dehydrogenase, very long chain
Database Link:	NP_001029031 Entrez Gene 37 Human P49748
Background:	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.
Synonyms:	ACAD6; LCACD; VLCAD



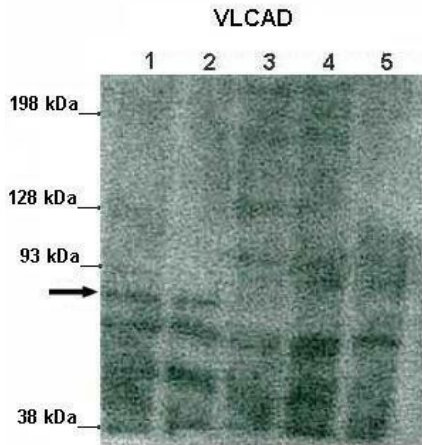
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Note: Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Pig: 93%; Rat: 93%; Mouse: 93%; Guinea pig: 93%; Rabbit: 79%; Zebrafish: 79%

Protein Families: Druggable Genome

Protein Pathways: Fatty acid metabolism, Metabolic pathways

Product images:



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 Ant



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