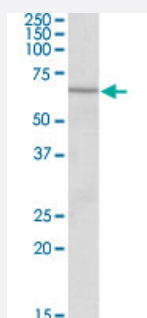


ACADVL polyclonal antibody

Catalog # PAB18538

Size 100 ug

Applications



Western Blot (Tissue lysate)

ACADVL polyclonal antibody (Cat # PAB18538) (2 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ACADVL.
Immunogen	A synthetic peptide corresponding to amino acids near N-terminus of human ACADVL.
Sequence	DKSDSHPSDALTRK-C
Host	Goat
Theoretical MW (kDa)	68
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_000009.1; NP_001029031.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:2000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

ACADVL polyclonal antibody (Cat # PAB18538) (2 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACADVL

Entrez GeneID	37
Protein Accession#	NP_000009.1;NP_001029031.1
Gene Name	ACADVL
Gene Alias	ACAD6, LCACD, VLCAD
Gene Description	acyl-Coenzyme A dehydrogenase, very long chain
Omim ID	201475 609575
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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 this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	-

Pathway

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)