ACADVL rabbit monoclonal antibody

Catalog # H00000037-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACADVL peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACADVL is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ACADVL peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- ELISA

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- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — ACADVL

Entrez GeneID	37
GeneBank Accession#	ACADVL
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 cataly zes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A de hydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene pr oduct reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Altern ative splicing results in multiple transcript variants encoding different isoforms. [provided by RefS eq
Other Designations	-

Pathway

- Fatty acid metabolism
- Metabolic pathways

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