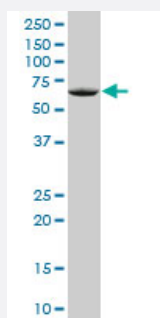


# ACADVL polyclonal antibody (A01)

Catalog # H00000037-A01

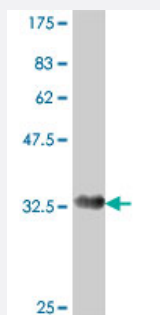
Size 50 uL

## Applications



### Western Blot (Cell lysate)

ACADVL polyclonal antibody (A01), Lot # 051116JC01 Western Blot analysis of ACADVL expression in A-431 ( Cat # L015V1 ).



Western Blot detection against Immunogen (36.01 KDa) .

## Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ACADVL.
Immunogen	ACADVL (NP_000009, 345 a.a. ~ 434 a.a) partial recombinant protein with GST tag.
Sequence	AAALAGTMRGIIAKAVDHATNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSEAAWKVTDECI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (89)

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.01 KDa) .

**Storage Buffer**

50 % glycerol

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

ACADVL polyclonal antibody (A01), Lot # 051116JC01 Western Blot analysis of ACADVL expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ACADVL

**Entrez GeneID**

[37](#)

**GeneBank Accession#**

[NM\\_000018](#)

**Protein Accession#**

[NP\\_000009](#)

**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

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## Pathway

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