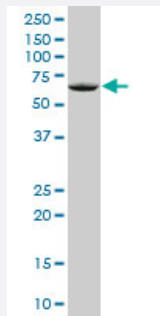


ACADVL polyclonal antibody (A01)

Catalog # H00000037-A01

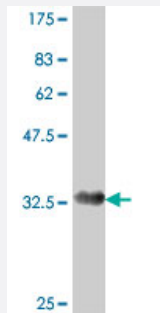
Size 50 uL

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	AAALAGTMRGIIAKAVDHATNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGAT DFQIEAAISKIFGSEAAWKVTDECI
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](#)