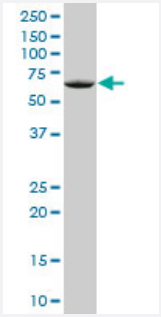
# ACADVL polyclonal antibody (A01)

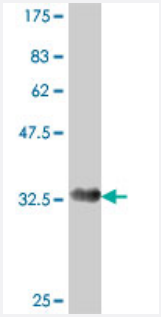
Catalog # H00000037-A01 Size 50 uL

## 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) |

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| | |
|---|---|
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>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

- ELISA
- 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

## 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 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 |

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|---|---|
| **Other Designations** | - |

## Pathway

- Fatty acid metabolism
- Metabolic pathways

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