

# [KO Validated] ACADVL Rabbit pAb

Catalog No.: A19973 **KO** Validated

## Basic Information

### Catalog No.

A19973

### Observed MW

68kDa

### Calculated MW

68kDa/70kDa/72kDa

### Category

Primary antibody

### Applications

WB, IF


### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF</b>	1:50 - 1:200

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
37	P49748

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human ACADVL (NP\_000009.1).

### Synonyms

ACADVL;ACAD6;LCACD;VLCAD

## Product Information

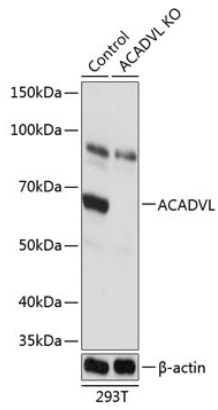
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts from normal (control) and ACADVL knockout (KO) 293T cells, using ACADVL antibody (A19973) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.