

[KO Validated] ACADVL Rabbit pAb

Catalog No.: A19973

KO Validated

1 Publications

Basic Information

Observed MW

68kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

37

Swiss Prot

P49748

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human ACADVL (NP_000009.1).

Synonyms

ACAD6; LCACD; VLCAD; VL

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

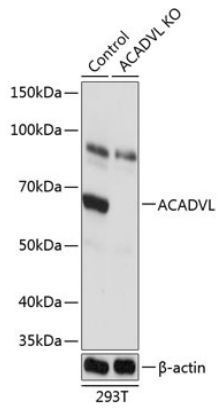
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and ACADVL knockout (KO) 293T cells, using [KO Validated] ACADVL Rabbit pAb (A19973) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.