

ACADVL

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 70kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ACADVL

Storage Buffer:

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

Synonym:

ACAD6; LCACD; VLCAD;

Catalog #: A7865

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 37

Isotype: IgG

Swiss Prot: P49748

Purity: Affinity purification

For research use only.

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.

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