

Datasheet for ABIN7464798  
**anti-ACADVL antibody**



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## Overview

Quantity:	100 µL
Target:	ACADVL
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADVL antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ACADVL. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

## Target Details

Target:	ACADVL
Alternative Name:	acyl-CoA dehydrogenase very long chain ( <a href="#">ACADVL Products</a> )

## Target Details

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Background:	Acyl-CoA dehydrogenase very long chain , ACAD6 , LCACD , VLCAD,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]
Molecular Weight:	70 kDa
Gene ID:	37
UniProt:	<a href="#">P49748</a>
Pathways:	<a href="#">ER-Nucleus Signaling</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

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Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse liver Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.