

[Go to Product page](#)

Datasheet for ABIN881020

anti-ACADVL antibody (AA 251-350) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ACADVL
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADVL antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACADVL
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ACADVL
Alternative Name:	ACADVL (ACADVL Products)
Background:	Synonyms: ACAD 6, ACAD6, ACADV_HUMAN, Acadvl, Acyl CoA dehydrogenase very long chain,

Target Details

Acyl Coenzyme A dehydrogenase very long chain, LCACD, mitochondrial, Very long chain specific acyl CoA dehydrogenase, Very long chain specific acyl CoA dehydrogenase mitochondrial, Very long-chain specific acyl-CoA dehydrogenase, VLCAD.

Background: ACADVL (acyl-Coenzyme A dehydrogenase, very long chain) catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. It is specific to esters of long-chain and very long chain fatty acids such as palmitoyl-CoA and stearoyl-CoA. Deficiencies in ACADVL are associated with reduced myocardial fatty acid beta-oxidation and cardiomyopathy.

Gene ID: 37

Pathways: [ER-Nucleus Signaling](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months