

Datasheet for ABIN630886
anti-ACADVL antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ACADVL
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADVL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ACADVL antibody was raised using the N terminal of ACADVL corresponding to a region with amino acids RPYAGGAAQESKSFVGMFKGQLTTDQVFPYPSVLNNEQTQFLKELVEPV
Specificity:	ACADVL antibody was raised against the N terminal of ACADVL
Purification:	Affinity purified

Target Details

Target:	ACADVL
Alternative Name:	ACADVL (ACADVL Products)
Background:	ACADVL 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 ACADVL protein reduces

Target Details

myocardial fatty acid beta-oxidation and is associated with cardiomyopathy.

Molecular Weight: 64 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: ACADVL Blocking Peptide, catalog no. 33R-8111, is also available for use as a blocking control in assays to test for specificity of this ACADVL antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ACADVL antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ACADVL antibody used at 1 ug/ml to detect target protein.