

Datasheet for ABIN7111265 **anti-ACADVL antibody**

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Overview

Quantity:	100 µg
Target:	ACADVL
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADVL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	acyl-Coenzyme A dehydrogenase, very long chain
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ACADVL
Alternative Name:	ACADVL (ACADVL Products)
Background:	Synonyms:ACAD6, ACADVL, LCACD, VLCAD Background:Very long-chain acyl-CoA dehydrogenase (VLCAD) is one of four flavoproteins which catalyze the initial step of the mitochondrial b-oxidation spiral. It belongs to the acyl-CoA dehydrogenase family and is a homodimer of a 71- kDa polypeptide. The molecular mass of the nondenatured trypsinized

Target Details

	VLCAD is 98 kDa, by gel filtration chromatography, indicating that it is a homodimer of the 48 kDa(tryptic digest) polypeptide(PMID:9461620). Defects in ACADVL are the cause of acyl-CoA dehydrogenase very long chain deficiency (ACADVLD). It has 2 isoforms(70 kDa and 68 kDa) produced by alternative splicing and a transit peptide.
Molecular Weight:	48 kDa,68-73 kDa
Gene ID:	37
UniProt:	P49748
Pathways:	ER-Nucleus Signaling , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:200-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months