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Datasheet for ABIN1678519  
**anti-ACADL antibody (AA 31-210)**

5 Images

Overview

Quantity:	100 µg
Target:	ACADL
Binding Specificity:	AA 31-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 31-210 of human ACADL (NP_001599.1).
Sequence:	GGEERLETPS AKKLTDIGIR RIFSPEHDIF RKSVRKFFQE EVIPHHSEWE KAGEVSREVV EKAGKQGLLG VNIAEHLGGI GGDLYSAAIV WEEQAYSNC S GPGFSIHSGI VMSYITNHGS EEQIKHFIPQ MTAGKCIGAI AMTEPGAGSD LQGIKTNACK DGSDWILNGS KVFISNGSLS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	ACADL
Alternative Name:	ACADL ( <a href="#">ACADL Products</a> )
Background:	The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia.,ACADL,ACAD4,LCAD,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,ACADL
Molecular Weight:	47 kDa
Gene ID:	33
UniProt:	<a href="#">P28330</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

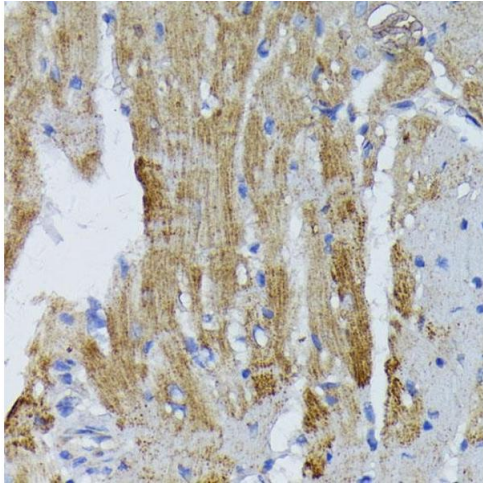
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

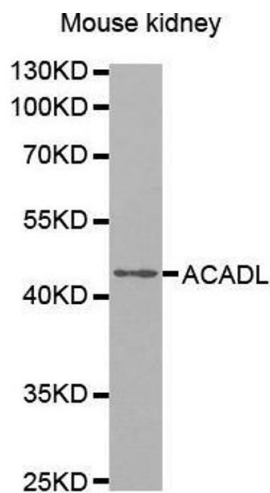
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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



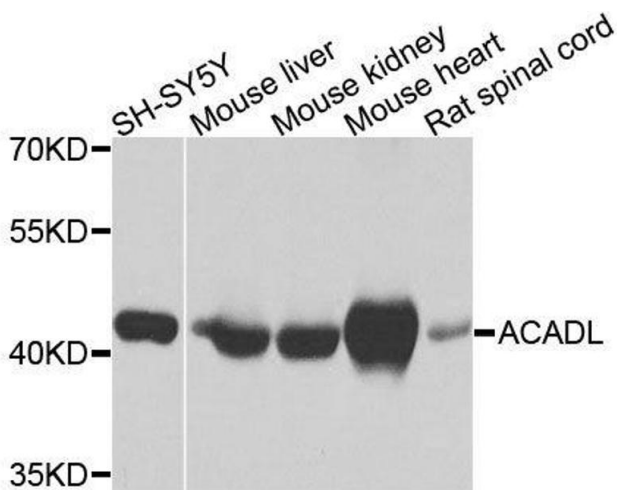
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse heart using ACADL antibody (ABIN1678519, ABIN3015429, ABIN3015430 and ABIN6216381) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.**



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using ACADL antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1678519.