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## ACADL Rabbit pAb

Catalog Number: bs-10150R

Target Protein: ACADL

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 44 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 33

Swiss Prot: P28330

Source: KLH conjugated synthetic peptide derived from human ACADL: 31-130/430.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq].

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=4.213] Yang Jiao. et al. Lysine demethylation KDM5B downregulates SIRT3-mediated mitochondrial glucose and lipid metabolism in diabetic neuropathy. DIABETIC MED. 2022 Sep;;e14964 WB ; Mouse . 36130801