bs-10150R **[Primary Antibody]**

ACADL Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 33 **SWISS:** P28330

Target: ACADL

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

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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].

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

Reactivity: (predicted: Human, Mouse, Rat)

Predicted MW.: 44 kDa

Subcellular Location: Cytoplasm

SELECTED CITATIONS

- **[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