bs-5015R

[Primary Antibody]

ACADL Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		ICC/IF (1:100-500) FLISA (1:5000-10000)
GenelD: 33	SWISS: P28330	
Target: ACADL		
Immunogen: KLH conjugat 201-300/430.	ted synthetic peptide derived from human ACADL:	
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat)
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.		Predicted MW.: ^{44 kDa}
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].		Subcellular Location: ^{Cytoplasm}

- VALIDATION IMAGES -



Sample: Lane 1: Human Jurkat cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human HepG2 cell lysates Primary: Anti-ACADL (bs-5015R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 48 kDa

- SELECTED CITATIONS ------

• [IF=2] Yankun Wang. et al. Investigation of seasonal changes in lipid synthesis and metabolism-related genes in the oviduct of Chinese brown frog (Rana dybowskii). EUR J HISTOCHEM. 2023 Oct 2; 67(4): 3890 IHC ;Rana dybowskii. 38116875

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