

**bs-5018R****[ Primary Antibody ]****ACADVL Rabbit pAb****BioSS**  
**ANTIBODIES**

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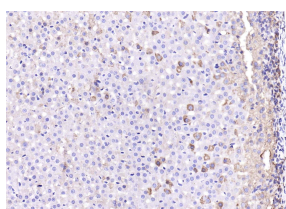
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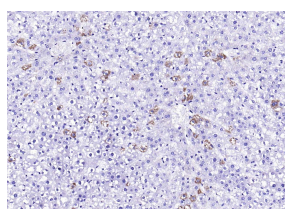
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 37	<b>SWISS:</b> P49748	<b>IF</b> (1:100-500)
<b>Target:</b> ACADVL		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Dog, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ACADVL: 251-350/655.		<b>Predicted MW.:</b> 66 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> ACADVL (acyl-Coenzyme A dehydrogenase, very long chain) catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. It is specific to esters of long-chain and very long chain fatty acids such as palmitoyl-CoA and stearyl-CoA. Deficiencies in ACADVL are associated with reduced myocardial fatty acid beta-oxidation and cardiomyopathy.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ACADVL) Polyclonal Antibody, Unconjugated (bs-5018R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ACADVL) Polyclonal Antibody, Unconjugated (bs-5018R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.