

bs-12566R**[Primary Antibody]****ACAA1 Rabbit pAb****BioSS**
ANTIBODIES

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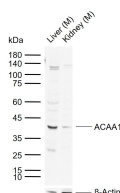
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Dog, Horse)
GeneID: 30	SWISS: P09110	
Target: ACAA1		Predicted MW.: 41 kDa
Immunogen: KLH conjugated synthetic peptide derived from human ABLIM3: 231-330/424.		Subcellular Location: Cytoplasm
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: ACAA1 is a 424 amino acid member of the thiolase family of enzymes and is involved in lipid metabolism. Localized to the peroxisome, ACAA1 catalyzes the conversion of acyl-CoA and acetyl-CoA to 3-oxoacyl-CoA in the fatty acid oxidation pathway. ACAA1 shows high enzymatic activity in liver, kidney, intestine and white adipose tissue in rats, where it exists as two types, namely type A and type B. Human ACAA1 shares 86% amino acid identity with its rat counterpart, suggesting a conserved function for ACAA1 among different species.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Liver tissue lysates Lane
2: Mouse Kidney tissue lysates Primary: Anti-
ACAA1 (bs-12566R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 41 kDa Observed
band size: 41 kDa