

bs-5069R**[Primary Antibody]****Bioss**
ANTIBODIES

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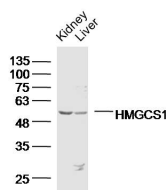
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HMGCS1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
GeneID: 3157	SWISS: Q01581	
Target: HMGCS1		Predicted MW.: 57 kDa
Immunogen: KLH conjugated synthetic peptide derived from human HMGCS1: 41-150/520.		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: This enzyme condenses acetyl CoA with acetoacetyl CoA to form HMG CoA, which is the substrate for HMG CoA reductase.		

— VALIDATION IMAGES —

Sample: Kidney (Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug
Primary: Anti-HMGCS1(bs-5069R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57kD
Observed band size: 57kD

— SELECTED CITATIONS —

- **[IF=9.8]** Xiaoyan Zheng. et al. Novel findings from arsenic-lead combined exposure in mouse testicular TM4 Sertoli cells based on transcriptomics. SCI TOTAL ENVIRON. 2023 Dec;;169611 WB ;Mouse. 38157908
- **[IF=5.6]** Xuanxu Chen. et al. The Complement Component 4 Binding Protein α Gene: A Versatile Immune Gene That Influences Lipid Metabolism in Bovine Mammary Epithelial Cell Lines. INT J MOL SCI. 2024 Jan;25(4):2375 WB ;Bovine. 38397050