

bs-5067R**[Primary Antibody]****HMGCL Rabbit pAb****Bioss**
ANTIBODIES

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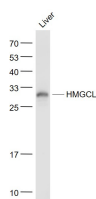
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— DATASHEET —

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Mouse (predicted: Human, Rat, Rabbit, Chicken, Dog, Horse) |
| GeneID: 3155 | SWISS: P35914 | Predicted MW.: 32 kDa |
| Target: HMGCL | | Subcellular Location: Cytoplasm |
| Immunogen: KLH conjugated synthetic peptide derived from human HMGCL: 41-140/325. | | |
| 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: Hydroxymethylglutaryl-CoA lyase (HMGCL) is found in fibroblasts, liver and lymphoblasts. It has a role in ketogenesis and leucine catabolism. Defects in HMGCL are the cause of 3-hydroxy-3-methylglutaryl-CoA lyase deficiency (hydroxymethylglutaricaciduria), an autosomal recessive disease which can lead to hypoglycemia and coma. | | |

— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti- HMGCL (bs-5067R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 32 kD
Observed band size: 30 kD