

Goat anti-HMGCS1 (aa321-332) Antibody

Peptide-affinity purified goat antibody

Catalog # AF4365a

Product Information

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| Application | WB, Pep-ELISA |
| Primary Accession | Q01581 |
| Other Accession | NP_002121.4 |
| Reactivity | Human |
| Host | Goat |
| Clonality | Polyclonal |
| Clone Names | HMGCS1 |
| Calculated MW | 57294 |

Additional Information

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| Gene ID | 3157 |
| Other Names | HMGCS1; 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble); HMGCS; 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble); hydroxymethylglutaryl-CoA synthase, cytoplasmic |
| Dilution | WB~~1:1000 Pep-ELISA~~N/A |
| Format | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Immunogen | Reported variants represent identical protein: NP_002121.4, NP_001091742.1. |
| Storage | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | Goat anti-HMGCS1 (aa321-332) Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | HMGCS1 (HGNC:5007) |
| Synonyms | HMGCS |
| Function | Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate, a precursor for cholesterol synthesis. |

Cellular Location

Cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.