

# Goat anti-HMGCS1 Antibody

Peptide-affinity purified goat antibody

Catalog # AF4367a

## Product Information

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<b>Application</b>	WB, Pep-ELISA
<b>Primary Accession</b>	<a href="#">Q01581</a>
<b>Other Accession</b>	<a href="#">NP_002121.4</a>
<b>Reactivity</b>	Human
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	HMGCS1
<b>Calculated MW</b>	57294

## Additional Information

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<b>Gene ID</b>	3157
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	Reported variants represent identical protein: NP_002121.4, NP_001091742.1.
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-HMGCS1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	HMGCS1 ( <a href="#">HGNC:5007</a> )
<b>Synonyms</b>	HMGCS
<b>Function</b>	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'.