

**Goat anti-HMGCS1 (aa321-332) Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4365a

**Specification**

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**Goat anti-HMGCS1 (aa321-332) Antibody - Product Information**

Application	<b>WB, Pep-ELISA</b>
Primary Accession	<a href="#">O01581</a>
Other Accession	<a href="#">NP_002121.4</a>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>57294</b>

**Goat anti-HMGCS1 (aa321-332) Antibody - Additional Information**

**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

**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.

**Goat anti-HMGCS1 (aa321-332) Antibody - Protein Information**

**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.

**Goat anti-HMGCS1 (aa321-332) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat anti-HMGCS1 (aa321-332) Antibody - Images**