

**HMGCS1 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP6652c**Specification****HMGCS1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q01581](#)**HMGCS1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3157**Other Names**

Hydroxymethylglutaryl-CoA synthase, cytoplasmic, HMG-CoA synthase, 3-hydroxy-3-methylglutaryl coenzyme A synthase, HMGCS1, HMGCS

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href=/products/AP6652c>AP6652c</a> was selected from the Center region of human HMGCS1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HMGCS1 Antibody (Center) Blocking Peptide - 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.

**HMGCS1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **HMGCS1 Antibody (Center) Blocking Peptide - Images**

#### **HMGCS1 Antibody (Center) Blocking Peptide - Background**

HMGCS1 condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.

#### **HMGCS1 Antibody (Center) Blocking Peptide - References**

Vock,C., Cell. Physiol. Biochem. 22 (5-6), 515-524 (2008)