

HMGCS1 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP6652c

Specification

HMGCS1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession

001581

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 AP6652c 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

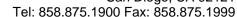
Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate, a precursor for cholesterol synthesis.

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)