

**HMGCS2 Antibody**  
Rabbit mAb  
Catalog # AP92555

## Specification

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### HMGCS2 Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P54868</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
HMG CoA synthase; HMGCS2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	56635 Da

### HMGCS2 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human HMGCS2</b>
Description	<b>This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### HMGCS2 Antibody - Protein Information

**Name** HMGCS2

#### **Function**

Catalyzes the first irreversible step in ketogenesis, condensing acetyl-CoA to acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate.

#### **Cellular Location**

Mitochondrion {ECO:0000250|UniProtKB:P22791}.

#### **Tissue Location**

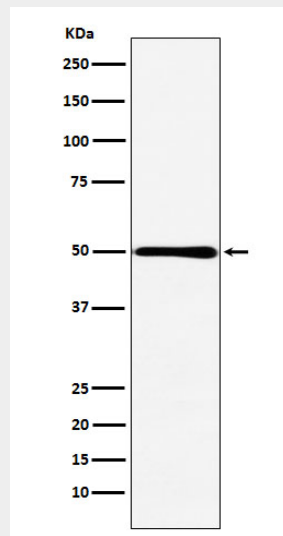
Expression in liver is 200-fold higher than in any other tissue. Low expression in colon, kidney, testis, and pancreas Very low expression in heart and skeletal muscle (PubMed:16940161, PubMed:21952825, PubMed:7893153). Not detected in brain (PubMed:21952825).

## HMGC52 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](#)

## HMGC52 Antibody - Images



Western blot analysis of HMGC52 expression in Caco-2 cell lysate.