

**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**

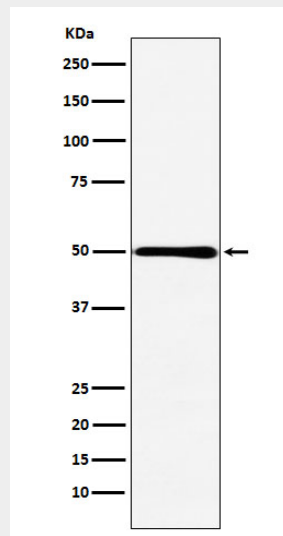
Expression in liver is 200-fold higher than in any other tissue. Low expression in colon, kidney, testis, and pancreas Very low expression in heart and skeletal muscle (PubMed:16940161, PubMed:21952825, PubMed:7893153). Not detected in brain (PubMed:21952825).

## 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.