# Rabbit HMGCS2 Polyclonal Antibody | anti-HMGCS2 antibody

Anti-HMGCS2 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA264418** | **Rabbit** | **Human, Mouse, Rat** | **Immunocytochemistry, Immunofluorescence, Western Blot** |

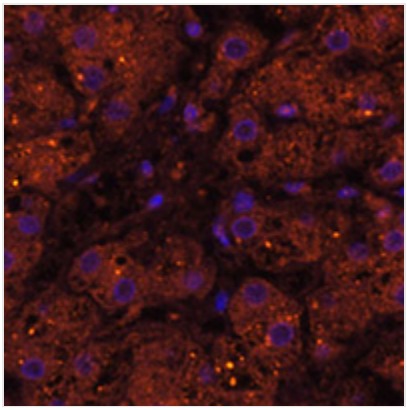
## PRODUCT SYNONYMS

HMGCS2; Polyclonal Antibody; Anti-HMGCS2 Antibody; Hydroxymethylglutaryl-CoA synthase mitochondrial; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; anti-HMGCS2 antibody

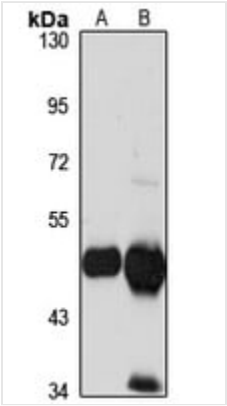
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of HMGCS2 protein. |
| **Purity/Purification** | Purified by Immunogen Affinity Chromatography |
| **Form/Format** | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| **Applicable Applications for anti-HMGCS2 antibody** | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot) |
| **Immunogen** | Recombinant fusion protein of human HMGCS2. The exact sequence is proprietary. |
| **Preparation and Storage** | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescent analysis of HMGCS2 staining in human liver tissues. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.




**WB (Western Blot)**
Western blot analysis of HMGCS2 expression in mouse liver (A), rat kidney (B) whole cell lysates.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-HMGCS2 antibody** | Rabbit polyclonal antibody to HMGCS2 |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 260656028 |
| **NCBI GeneID** | 3158 |
| **NCBI Accession #** | NP_001159579.1 |
| **NCBI GenBank Nucleotide #** | NM_001166107.1 |
| **UniProt Accession #** | P54868; P54869; P22791 |
| **Molecular Weight** | 50kDa |
| **NCBI Official Full Name** | hydroxymethylglutaryl-CoA synthase, mitochondrial isoform 2 |
| **NCBI Official Synonym Full Names** | 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) |
| **NCBI Official Symbol** | HMGCS2 |
| **NCBI Protein Information** | hydroxymethylglutaryl-CoA synthase, mitochondrial; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial) |
| **UniProt Protein Name** | Hydroxymethylglutaryl-CoA synthase, mitochondrial |
| **UniProt Gene Name** | **HMGCS2** |
| **UniProt Synonym Gene Names** | HMG-CoA synthase |
| **UniProt Entry Name** | HMCS2_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/hmgcs2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264418