

## Rabbit anti-Human, Mouse HMGC2 Polyclonal Antibody | anti-HMGC2 antibody

HMGC2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA170334 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

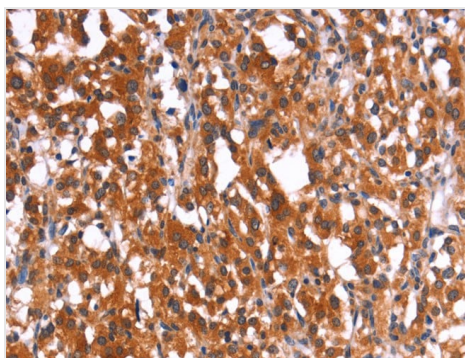
### PRODUCT SYNONYMS

HMGC2; Polyclonal Antibody; HMGC2 Polyclonal Antibody; CIS; CIS-1; CIS1; Cish; CISH; Cytokine-inducible SH2-containing protein; G18; Protein G18; SOCS; Suppressor of cytokine signaling; anti-HMGC2 antibody

### PRODUCT SPECIFICATIONS

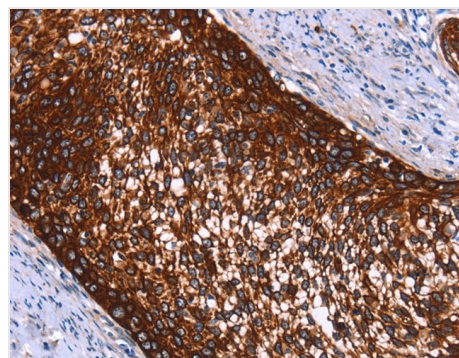
|                                                 |                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                  |
| Reactivity                                      | Human, Mouse                                                            |
| Clonality                                       | Polyclonal                                                              |
| Isotype                                         | IgG                                                                     |
| Purity/Purification                             | Antigen affinity purification                                           |
| Form/Format                                     | PBS with 0.05% sodium azide and 50% glycerol, PH7.4                     |
| Sequence Length                                 | 466                                                                     |
| Applicable Applications for anti-HMGC2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                    |
| Immunogen                                       | Synthetic peptide of human HMGC2                                        |
| Note                                            | Centrifuge before opening to ensure complete recovery of vial contents. |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.                             |

### IMAGES



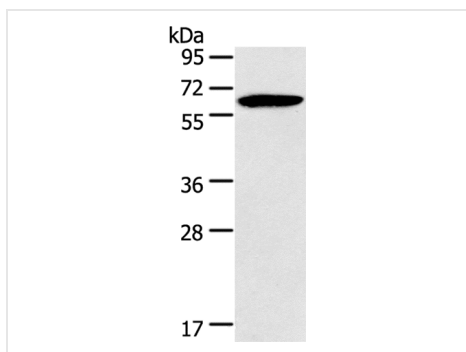
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using HMGC2 Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using HMGC2 Polyclonal Antibody at dilution of 1:40



#### WB (Western Blot)

Western Blot analysis of Mouse brain tissue using HMGCS2 Polyclonal Antibody at dilution of 1:200

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-HMGCS2 antibody</b> | The protein encoded by this gene belongs to the HMG-CoA synthase family. It is a mitochondrial enzyme that catalyzes the first reaction of ketogenesis, a metabolic pathway that provides lipid-derived energy for various organs during times of carbohydrate deprivation, such as fasting. Mutations in this gene are associated with HMG-CoA synthase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| <b>Product Categories/Family for anti-HMGCS2 antibody</b>   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                       |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 260656028                                                                                                                             |
| <b>NCBI GeneID</b>                      | 3158                                                                                                                                  |
| <b>NCBI Accession #</b>                 | NP_005509                                                                                                                             |
| <b>NCBI GenBank Nucleotide #</b>        | NM_001166107.1                                                                                                                        |
| <b>Molecular Weight</b>                 | Calculated MW: 57kDa                                                                                                                  |
| <b>NCBI Official Full Name</b>          | hydroxymethylglutaryl-CoA synthase, mitochondrial isoform 2                                                                           |
| <b>NCBI Official Synonym Full Names</b> | 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial)                                                                             |
| <b>NCBI Official Symbol</b>             | HMGCS2                                                                                                                                |
| <b>NCBI Protein Information</b>         | hydroxymethylglutaryl-CoA synthase, mitochondrial; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial); HMG-CoA synthase |
| <b>UniProt Protein Name</b>             | Hydroxymethylglutaryl-CoA synthase, mitochondrial                                                                                     |
| <b>UniProt Gene Name</b>                | <b>HMGCS2</b>                                                                                                                         |
| <b>UniProt Synonym Gene Names</b>       | HMG-CoA synthase                                                                                                                      |
| <b>UniProt Entry Name</b>               | 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgcs2-antibody-immunohistochemistry-western-blot-elisa/170334>