

## Rabbit HMGCL Polyclonal Antibody | anti-HMGCL antibody

HMGCL Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA238998 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

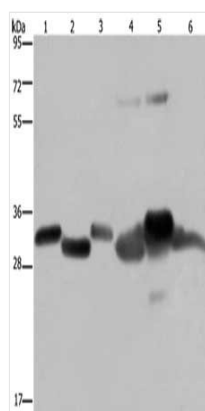
### PRODUCT SYNONYMS

HMGCL; Polyclonal Antibody; HMGCL Antibody; 3-hydroxymethyl-3-methylglutaryl-CoA lyase; anti-HMGCL antibody

### PRODUCT SPECIFICATIONS

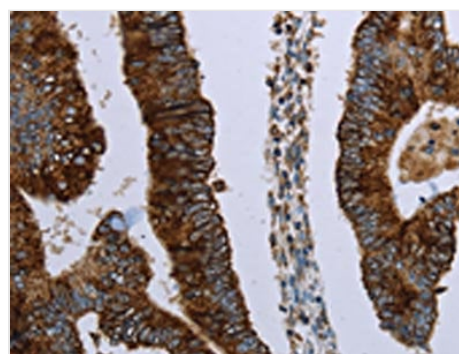
|                                                 |                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                  |
| Reactivity                                      | Human, Mouse, Rat                                                                       |
| Clonality                                       | Polyclonal                                                                              |
| Isotype                                         | IgG                                                                                     |
| Purity/Purification                             | Antigen Affinity Purification                                                           |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-HMGCL antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                       | Fusion protein of human HMGCL                                                           |
| Immunogen Species                               | Human                                                                                   |
| Conjugate                                       | Non-conjugated                                                                          |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



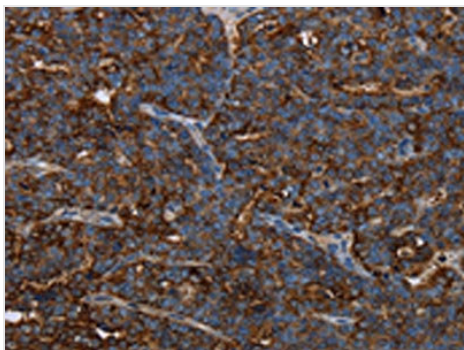
#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-6: Mouse thymus tissue, human ovarian cancer tissue, mouse heart tissue, human fetal liver tissue, mouse liver tissue, SKOV3 cells, Primary antibody: AAA238998(HMGCL Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using AAA238998(HMGCL Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



**IHC (Immunohistochemistry)**  
The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using AAA238998(HMGCL Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-HMGCL antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 24418852                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 3155                                                                                                                                                                                                                                                            |
| UniProt Accession #              | P35914; Q6IBC0; Q96FP8; B4DUP4; B7UCC6; D3Y5K7                                                                                                                                                                                                                  |
| Molecular Weight                 | 325                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | Hydroxymethylglutaryl-CoA lyase, mitochondrial                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | 3-hydroxymethyl-3-methylglutaryl-CoA lyase                                                                                                                                                                                                                      |
| NCBI Official Symbol             | HMGCL                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | HL                                                                                                                                                                                                                                                              |
| NCBI Protein Information         | hydroxymethylglutaryl-CoA lyase, mitochondrial; HMG-CoA lyase; hydroxymethylglutaricaciduria; 3-hydroxy-3-methylglutaryl-CoA lyase; 3-hydroxy-3-methylglutarate-CoA lyase; 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase; mitochondrial 3-hydroxy-3-methylg |
| UniProt Protein Name             | Hydroxymethylglutaryl-CoA lyase, mitochondrial                                                                                                                                                                                                                  |
| UniProt Gene Name                | HMGCL                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | HL; HMG-CoA lyase                                                                                                                                                                                                                                               |
| UniProt Entry Name               | HMGCL_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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