

## HMGCL Polyclonal Antibody

**Catalog No.** E-AB-15095

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

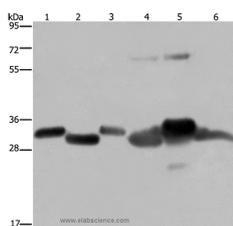
### Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human HMGCL
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

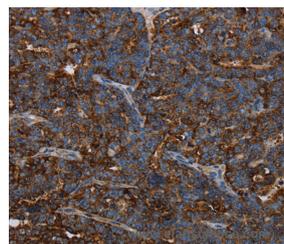
### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

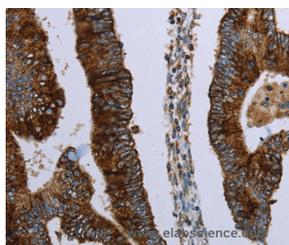
### Data



Western Blot analysis of Mouse thymus and Human ovarian cancer tissue, Mouse heart, Human fetal liver, Mouse liver tissue and SKOV3 cell using HMGCL Polyclonal Antibody at dilution of 1:300  
**Calculated Mw:34kDa**



Immunohistochemistry of paraffin-embedded Human ovarian cancer using HMGCL Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human colon cancer using HMGCL Polyclonal Antibody at dilution of 1:30

### Preparation & Storage

#### For Research Use Only

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene belongs to the HMG-CoA lyase family. It is a mitochondrial enzyme that catalyzes the final step of leucine degradation and plays a key role in ketone body formation. Mutations in this gene are associated with HMG-CoA lyase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.