# **HMGCL Rabbit pAb**

Catalog No.: A8052



### **Basic Information**

### **Observed MW**

30kDa

### **Calculated MW**

34kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

### **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.

### **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the

concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**3155

Swiss Prot
P35914

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

HL; HMGCL

### **Contact**

<b>a</b>		400-999-6126
×		cn.market@abclonal.com.cn
$\overline{\Box}$	ī	www.ahclonal.com.cn

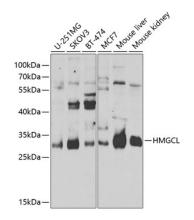
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

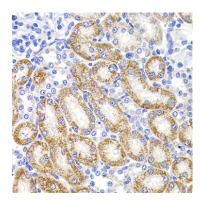


Western blot analysis of various lysates using HMGCL Rabbit pAb (A8052) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

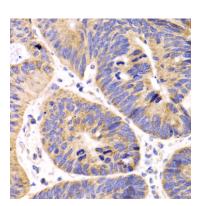
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

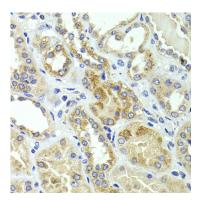
Exposure time: 15s.



Immunohistochemistry analysis of paraffinembedded Rat kidney using HMGCL Rabbit pAb (A8052) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using HMGCL Rabbit pAb (A8052) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human kidney using HMGCL Rabbit pAb (A8052) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.