

HMGCL Rabbit pAb

Catalog No.: A8052

Basic Information

Observed MW

30kDa

Calculated MW

20kDa/26kDa/34kDa

Category

Primary antibody

Applications

WB, IHC

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	1:50 - 1:200

Immunogen Information

Gene ID

3155

Swiss Prot

P35914

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-325 of human HMGCL (NP_000182.2).

Synonyms

HMGCL;HL

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

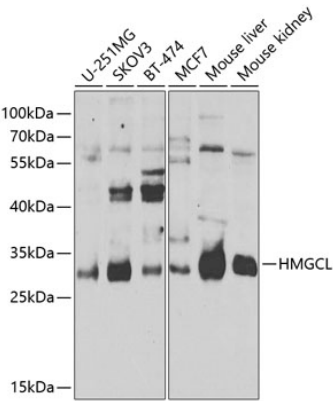
Affinity purification

Storage

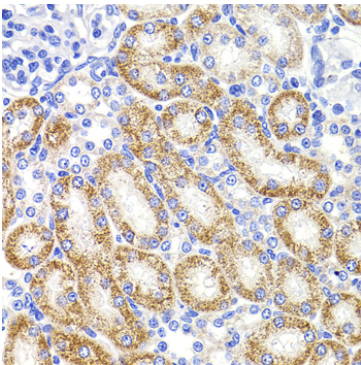
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

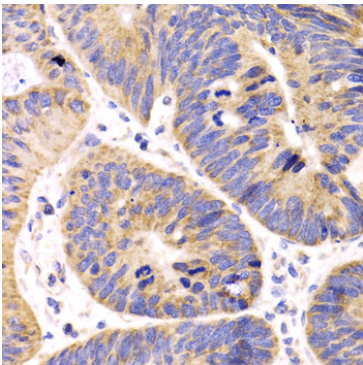
Validation Data



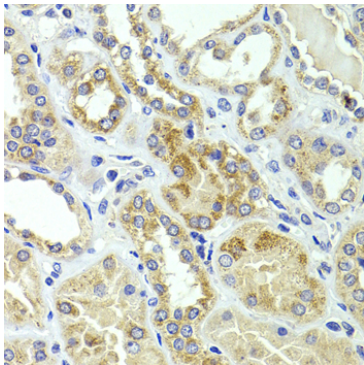
Western blot analysis of extracts of various cell lines, using HMGCL antibody (A8052) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 15s.



Immunohistochemistry of paraffin-embedded rat kidney using HMGCL antibody (A8052) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using HMGCL antibody (A8052) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human kidney using HMGCL antibody (A8052) at dilution of 1:100 (40x lens).