

HMGCL Rabbit Polyclonal Antibody

Catalog No: #55407

Package Size: #55407-1 50ul #55407-2 100ul

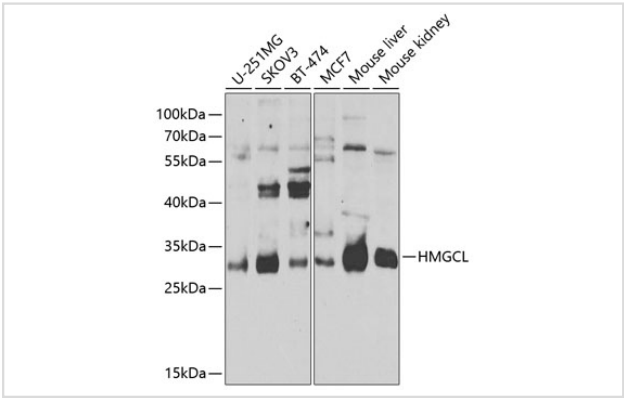
Description

Product Name	HMGCL Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human HMGCL (NP_000182.2).
Conjugates	Unconjugated
Other Names	HMGCL;HL
Accession No.	Swiss Prot:P35914GenelD:3155
Calculated MW	20kDa/26kDa/34kDa
SDS-PAGE MW	30kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

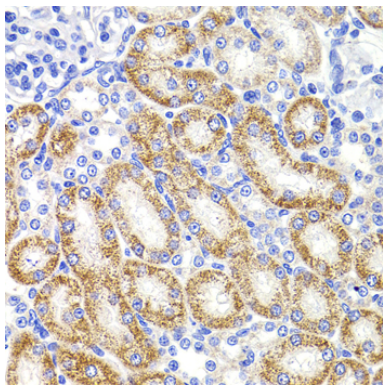
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

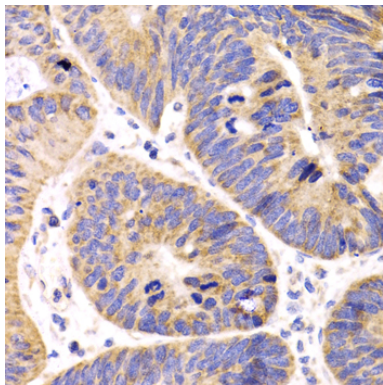
Images



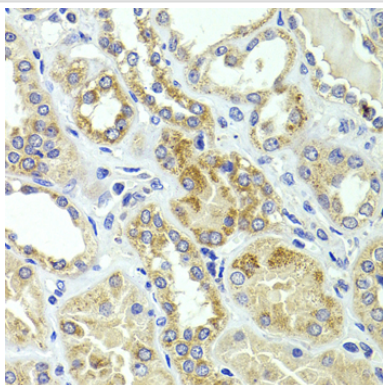
Western blot analysis of extracts of various cell lines, using HMGCL at 1:1000 dilution.



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



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



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.