

Rabbit HMGCL Polyclonal Antibody | anti-HMGCL antibody

HMGCL Polyclonal Antibody

CATALOG # AAA280454	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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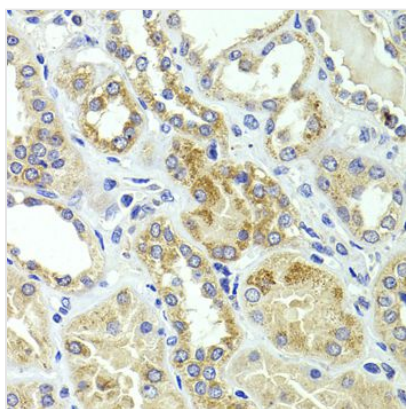
PRODUCT SYNONYMS

HMGCL; Polyclonal Antibody; HMGCL Polyclonal Antibody; anti-HMGCL antibody

PRODUCT SPECIFICATIONS

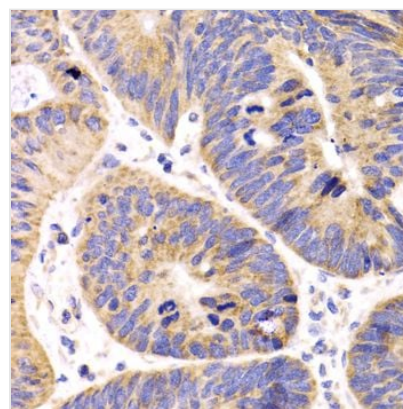
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	191
Applicable Applications for anti-HMGCL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HMGCL
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



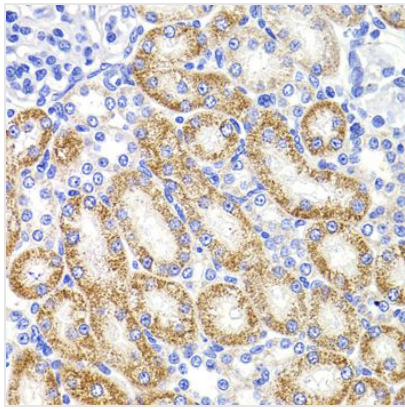
IHC (Immunohistochemistry)

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



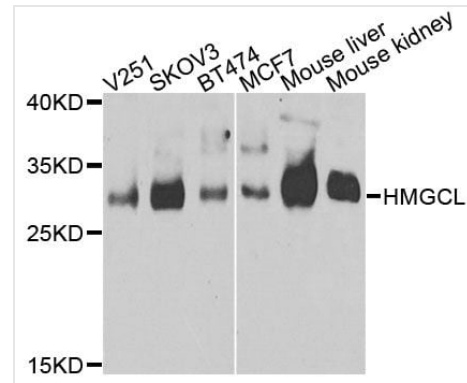
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCL antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62198232
NCBI GeneID	3155
NCBI Accession #	NP_000182.2
NCBI GenBank Nucleotide #	NM_000191.2
UniProt Accession #	P35914; Q6IBC0; Q96FP8; B4DUP4; B7UCC6; D3Y5K7
Molecular Weight	34kDa
NCBI Official Full Name	hydroxymethylglutaryl-CoA lyase, mitochondrial isoform 1
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
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgcl-antibody-immunohistochemistry-western-blot-elisa/280454>