

Rabbit HMGCL Polyclonal Antibody | anti-HMGCL antibody

HMGCL Polyclonal Antibody

CATALOG # AAA170214	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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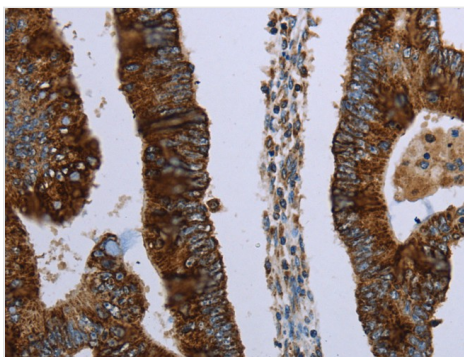
PRODUCT SYNONYMS

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

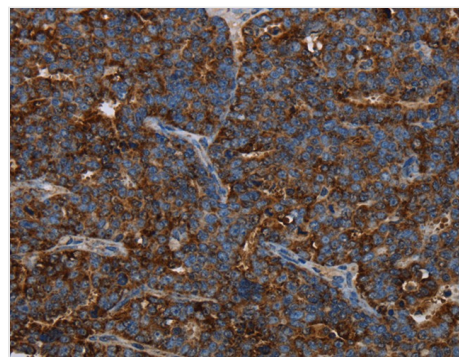
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	325
Applicable Applications for anti-HMGCL antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human HMGCL
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

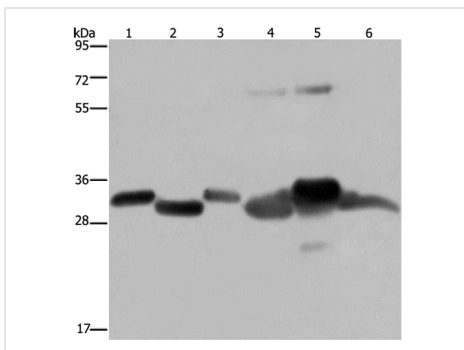
IMAGES


IHC (Immunohistochemistry)

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


IHC (Immunohistochemistry)

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



WB (Western Blot)

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

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
Molecular Weight	20,222 Da
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; 3-hydroxy-3-methylglutarate-CoA lyase; 3-hydroxy-3-methylglutaryl-CoA lyase; 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase; HMG-CoA lyase; hydroxymethylglutaricaciduria; mitochondrial 3-hydroxy-3-methylglutaryl-CoA lyase
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/170214>