

Rabbit anti-Human, Rat HMGCL Polyclonal Antibody | anti-HMGCL antibody

HMGCL Antibody

CATALOG # AAA231822	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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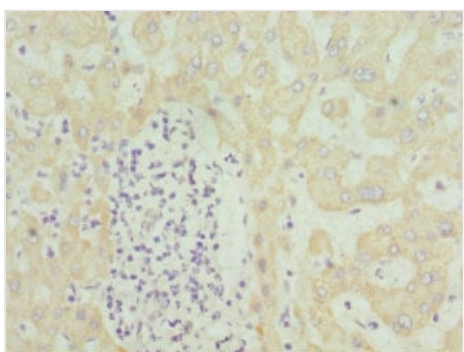
PRODUCT SYNONYMS

HMGCL; Polyclonal Antibody; HMGCL Antibody; Hydroxymethylglutaryl-CoA lyase; mitochondrial; HL; HMG-CoA lyase; 3-hydroxy-3-methylglutarate-CoA lyase; anti-HMGCL antibody

PRODUCT SPECIFICATIONS

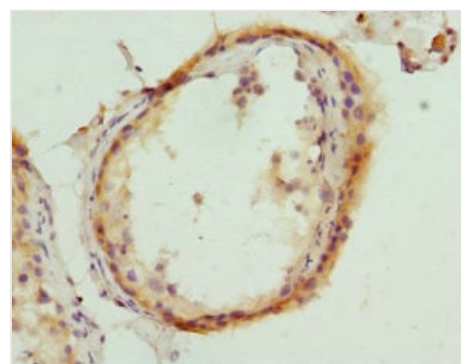
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	325
Applicable Applications for anti-HMGCL antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Hydroxymethylglutaryl-CoA lyase, mitochondrial protein (1-325AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-101973 / sc-133661
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



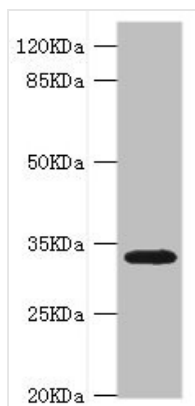
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231822 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231822 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: HMGCL antibody at 0.8ug/ml+rat liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 35,27,21 kDaObserved band size: 34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCL antibody

Key enzyme in ketogenesis (ketone body formation). Terminal step in leucine catabolism. Ketone bodies (beta-hydroxybutyrate, acetoacetate and acetone) are essential as an alternative source of energy to glucose, as lipid precursors and as regulators of metabolism.

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	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
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/231822>