

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

HMGCL Antibody

CATALOG # AAA308315	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

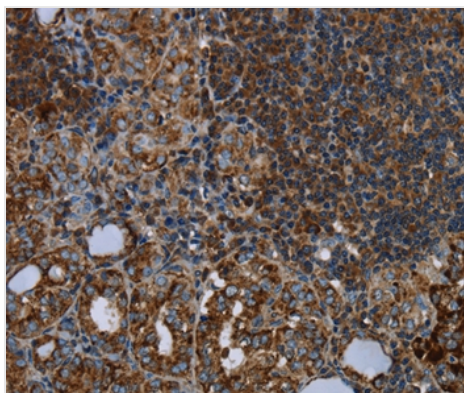
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

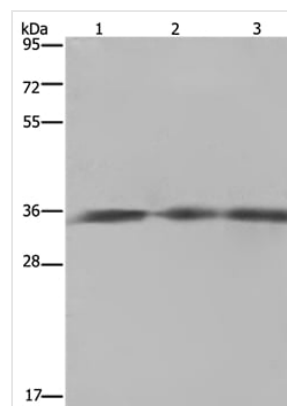
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HMGCL protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-HMGCL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human 3-hydroxymethyl-3-methylglutaryl-CoA lyase
Target Name	HMGCL
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): SKOV3 cell, mouse heart and brain tissue
Amount of lysate: 40ug per lane Primary antibody: 1/150 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

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.
Product Categories/Family for anti-HMGCL antibody	Total protein Ab

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	SDS-PAGE MW: 34kd
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgcl-antibody-immunohistochemistry-western-blot-elisa/308315>