

Rabbit anti-Human HMGCS1 Polyclonal Antibody | anti-HMGCS1 antibody

HMGCS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235320	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

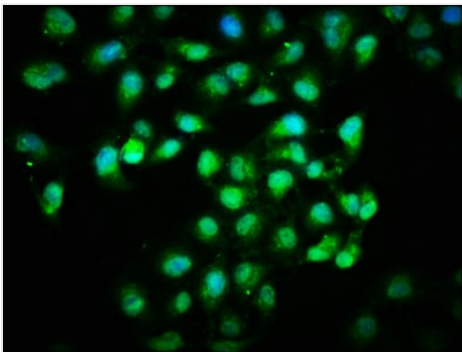
PRODUCT SYNONYMS

HMGCS1; Polyclonal Antibody; HMGCS1 Antibody; Hydroxymethylglutaryl-CoA synthase; cytoplasmic; HMG-CoA synthase; EC 2.3.3.10; 3-hydroxy-3-methylglutaryl coenzyme A synthase; HMGCS; anti-HMGCS1 antibody

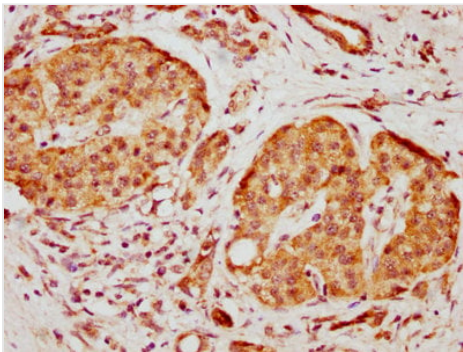
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G Purified
Form/Format	Liquid
Sequence Length	520
Applicable Applications for anti-HMGCS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Hydroxymethylglutaryl-CoA synthase, cytoplasmic protein (360-520AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

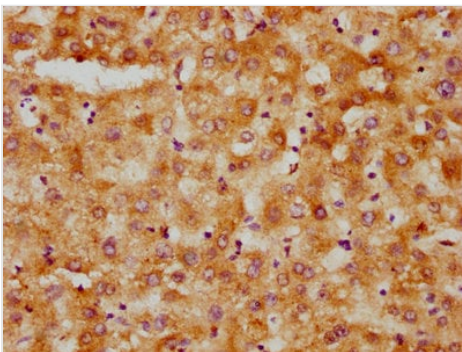
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells with CSB-PA010566LA01HU at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)
IHC image of CSB-PA010566LA01HU diluted at 1:500 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of CSB-PA010566LA01HU diluted at 1:500 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HMGCS1 antibody	Cardiovascular
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148298677
NCBI GeneID	3157
NCBI Accession #	NP_001091742.1
NCBI GenBank Nucleotide #	NM_001098272.3
UniProt Accession #	Q01581; B2RDL8
Molecular Weight	57,294 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA synthase, cytoplasmic isoform 1
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA synthase 1
NCBI Official Symbol	HMGCS1

NCBI Official Synonym Symbols	HMGCS
NCBI Protein Information	hydroxymethylglutaryl-CoA synthase, cytoplasmic
UniProt Protein Name	Hydroxymethylglutaryl-CoA synthase, cytoplasmic
UniProt Gene Name	HMGCS1
UniProt Synonym Gene Names	HMG-CoA synthase

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/hmgcs1-antibody-immunofluorescence-immunohistochemistry-elisa/235320>