

Rabbit anti-Human, Rat HMGCS2 Polyclonal Antibody | anti-HMGCS2 antibody

HMGCS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234404	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

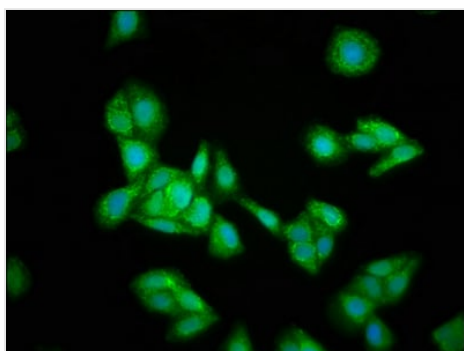
PRODUCT SYNONYMS

HMGCS2; Polyclonal Antibody; HMGCS2 Antibody; Hydroxymethylglutaryl-CoA synthase; mitochondrial; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; anti-HMGCS2 antibody

PRODUCT SPECIFICATIONS

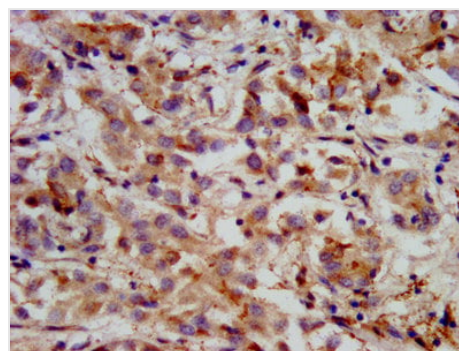
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	466
Applicable Applications for anti-HMGCS2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Hydroxymethylglutaryl-CoA synthase, mitochondrial protein (426-508AA)
Conjugation	Non-conjugated
Buffer	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



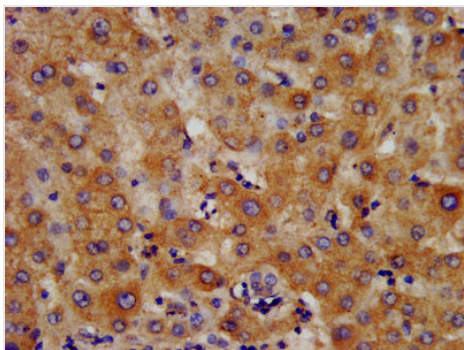
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234404 at 1:133, 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).



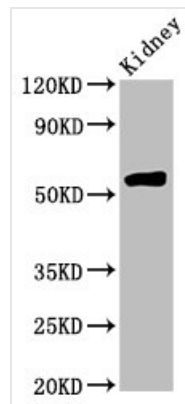
IHC (Immunohistochemistry)

IHC image of AAA234404 diluted at 1:400 and staining in paraffin-embedded human liver 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 AAA234404 diluted at 1:400 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM 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.



WB (Western Blot)

Western Blot Positive WB detected in: Rat kidney tissue All lanes: HMGCS2 antibody at 4.5ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 57, 53, 51 KDa Observed band size: 57 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCS2 antibody	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.
Product Categories/Family for anti-HMGCS2 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	260656028
NCBI GeneID	3158
NCBI Accession #	NP_001159579.1
NCBI GenBank Nucleotide #	NM_001166107.1
UniProt Accession #	P54868; Q5SZU2; Q6IBF4; B7Z8R3; D3Y5K6
Molecular Weight	50,050 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA synthase, mitochondrial isoform 2
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA synthase 2
NCBI Official Symbol	HMGCS2
NCBI Protein Information	hydroxymethylglutaryl-CoA synthase, mitochondrial
UniProt Protein Name	Hydroxymethylglutaryl-CoA synthase, mitochondrial
UniProt Gene Name	HMGCS2
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://www.aaabiotech.com/polyclonal/hmgcs2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234404>