

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

Rabbit anti-HMGCS1 Antibody, Affinity Purified

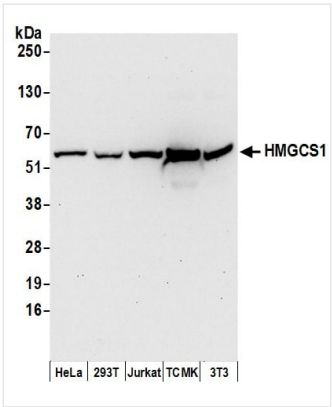
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212793	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

HMGCS1; Polyclonal Antibody; Rabbit anti-HMGCS1 Antibody; Affinity Purified; hydroxymethylglutaryl-CoA synthase; cytoplasmic; HMGCS; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble); 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble); 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; Hydroxymethylglutaryl-CoA synthase; 3-hydroxy-3-methylglutaryl-CoA synthase 1; anti-HMGCS1 antibody

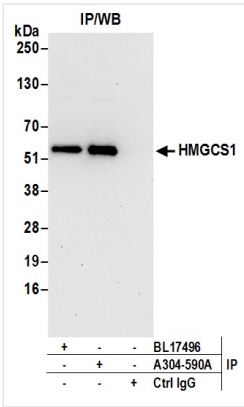
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HMGCS1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 470 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse HMGCS1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HMGCS1 antibody AAA212793 (lot AAA212793-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human HMGCS1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HMGCS1 antibody AAA212793 (lot AAA212793-1) used for IP at 6 ug per reaction. HMGCS1 was also immunoprecipitated by rabbit anti-HMGCS1 antibody BL17496. For blotting immunoprecipitated HMGCS1, AAA212793 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCS1 antibody	HMGCS1 (Hydroxymethylglutaryl-CoA synthase) condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q01581].
Product Categories/Family for anti-HMGCS1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148298677
NCBI GeneID	3157
NCBI Accession #	NP_001091742.1
NCBI GenBank Nucleotide #	NM_001098272.2
UniProt Accession #	Q01581; B2RDL8
Molecular Weight	57,294 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA synthase, cytoplasmic
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	HMGCS; HMG-CoA synthase
UniProt Entry Name	HMCS1_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/hmgcs1-antibody-immunoprecipitation-western-blot-elisa/212793>