

Rabbit HMGCS1 Polyclonal Antibody | anti-HMGCS1 antibody

HMGCS1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199934	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

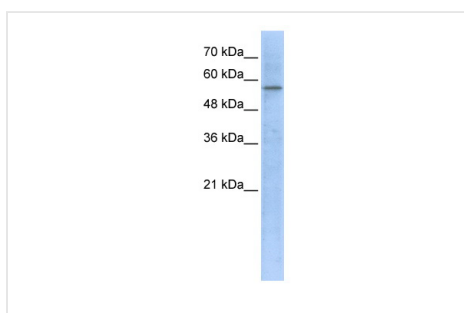
PRODUCT SYNONYMS

HMGCS1; Polyclonal Antibody; HMGCS1 antibody - middle region; anti-HMGCS1 antibody

PRODUCT SPECIFICATIONS

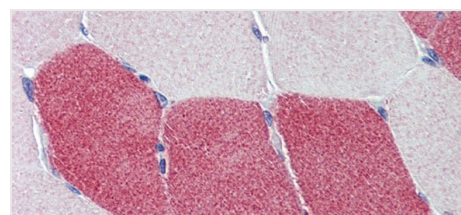
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KD FTLNDFGFMI FHSPYCKLVQ KSLARMLLND FLNDQNRDKN SIYSGLEA
Sequence Length	520
Applicable Applications for anti-HMGCS1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HMGC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HMGCS1 Antibody Titration: 1 ug/ml
Positive Control: 293T cells lysate
HMGC1 is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)

Immunohistochemistry with Human Skeletal Muscle lysate tissue at an antibody concentration of 5.0ug/ml using anti-HMGCS1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCS1 antibody	This is a rabbit polyclonal antibody against HMGCS1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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-HMGCS1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	148298764
NCBI GeneID	3157
NCBI Accession #	NP_002121
NCBI GenBank Nucleotide #	NM_002130
UniProt Accession #	Q01581
Molecular Weight	57kDa
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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgcs1-antibody-western-blot-immunohistochemistry-elisa/199934>