10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-HMGCS1 (aa321-332) Antibody

Peptide-affinity purified goat antibody
Catalog # AF4365a

Product Information

Application	WB, Pep-ELISA
Primary Accession	Q01581
Other Accession	NP_002121.4
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	HMGCS1
Calculated MW	57294

Additional Information

Gene ID	3157
Other Names	HMGCS1; 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble); HMGCS; 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble); hydroxymethylglutaryl-CoA synthase, cytoplasmic
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	Reported variants represent identical protein: NP_002121.4, NP_001091742.1.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-HMGCS1 (aa321-332) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HMGCS1 (HGNC:5007)
Synonyms	HMGCS
Function	Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate, a precursor for cholesterol synthesis.

Cellular Location Cytoplasm.

Tissue Location Highly expressed in the cerebral cortex.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.