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Research Use Only. Not for diagnostic or therapeutic use.

EB12868 - Goat Anti-HMGCS1 (aa321-332) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HMGCS1, 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble),

HMGCS, 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase,

 $\hbox{3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble), hydroxymethylglutaryl-CoA}\\$

synthase, cytoplasmic

Official Symbol: HMGCS1

Accession Number(s): NP_002121.4

Human GeneID(s): 3157

Important Comments: Reported variants represent identical protein: NP_002121.4,

NP_001091742.1.

Immunogen

Peptide with sequence C-KASSELFSQKTK, from the internal region of the protein sequence according to NP_002121.4.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 57kDa band observed in lysates of cell lines HeLa, HepG2, and

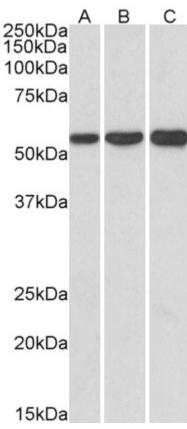
K562 (calculated MW of 57.3kDa according to NP_002121.4). Recommended

concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12867 (1μg/ml) staining of HeLa (A), HepG2 (B) and K562 (C) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.