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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB09007 - Goat Anti-HMGCR / LDLCQ3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HMG-CoA reductase, hydroxymethylglutaryl-CoA reductase, 3-hydroxy-3-methylglutaryl CoA reductase (NADPH), LDLCQ3, 3-hydroxy-3-methylglutaryl-Coenzyme A reductase, HMGCR

Official Symbol: HMGCR

Accession Number(s): NP_000850.1

Human GeneID(s): [3156](#)

Immunogen

Peptide with sequence C-ADPSPQNSTADTSK , from the internal region of the protein sequence according to NP_000850.1.

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 1:8000.

Western blot: Preliminary experiments in Human Brain (Cerebellum), Liver, Skeletal Muscle and Adipose lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human