



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

[everestbiotech.com](http://everestbiotech.com)

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel +44 1869 238326

Fax +44 1869 238327

**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