

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12171 - Goat Anti-CREB1 (aa96-109) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CREB1, cAMP responsive element binding protein 1, CREB, CREB-1, active transcription factor CREB, cAMP-response element-binding protein-1, cAMP-responsive element-binding protein 1, cyclic AMP-responsive element-binding protein 1, transactivator protein

Official Symbol: CREB1

Accession Number(s): NP_004370.1; NP_604391.1

Human GeneID(s): [1385](#)

Non-Human GeneID(s): 12912 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_004370.1; NP_604391.1).

Immunogen

Peptide with sequence C-DSQESVDSVTDSQK, from the internal region of the protein sequence according to NP_004370.1; NP_604391.1.

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 1:128000.

Western blot: Approx 45kDa band observed in nuclear lysates of cell lines Jurkat and NIH3T3 (calculated MW of 36.7kDa according to NP_604391.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow

EB12171 (0.1µg/ml) staining of Jurkat (A) and NIH3T3 (B) nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.