



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

everestbiotech.com

sales@everestbiotech.com

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.

EB05247 - Goat Anti-ATF4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: cAMP response element-binding protein 2, activating transcription factor 4, OTTHUMP00000199130, TAXREB67, CREB-2, TXREB, CREB2, activating transcription factor 4 (tax-responsive enhancer element B67), ATF4

Official Symbol: ATF4

Accession Number(s): NP_001666.2; NP_877962.1

Human GeneID(s): [468](#)

Non-Human GeneID(s): 11911 (mouse), 79255 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001666.2; NP_877962.1).

Immunogen

Peptide with sequence C-EEVRKARGKKRVP, from the C Terminus of the protein sequence according to NP_001666.2; NP_877962.1.

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

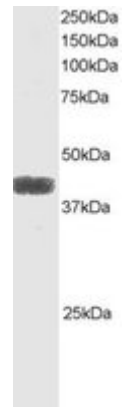
Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Approx 40kDa band seen in Raji cell lysate. Recommended for use at 1-3 µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig



EB05247 staining (1 $\mu\text{g/ml}$) of Raji lysate (RIPA buffer, 35 μg total protein per lane). Primary incubated for 1 hour.
Detected by western blot using chemiluminescence.