



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.

EB09505 - Goat Anti-NFATC4 / NFAT3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: nuclear factor of activated T-cells, cytoplasmic 4, T cell transcription factor NFAT3, NFAT3, NF-ATc4, nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4, NFATC4

Official Symbol: NFATC4

Accession Number(s): NP_001129494.1; NP_004545.2

Human GeneID(s): [4776](#)

Important Comments: This antibody is expected to recognize both isoforms (NP_001129494.1; NP_004545.2).

Immunogen

Peptide with sequence C-EATVNRLQSNEVTLT, from the internal region of the protein sequence according to NP_001129494.1; NP_004545.2.

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 1:64000.

Western blot: Preliminary experiments in Human Heart, Jurkat and MOLT-4 lysates gave no specific signal but low background (at antibody concentration up to 0.5µg/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, Dog