

## UK Office

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

## EB09505 - Goat Anti-NFATC4 / NFAT3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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