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**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.

## EB05562 - Goat Anti-NFATC4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** NFATC4

**Accession Number(s):** NP\_004545.2; NP\_001185894.1; NP\_001185895.1; NP\_001185896.1

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

**Important Comments:** This antibody is expected to recognise isoform 2, 3, 4 and 5 (NP\_004545.2; NP\_001185894.1; NP\_001185895.1; NP\_001185896.1 respectively).

### Immunogen

Peptide with sequence C-SGFPAPPGEPPA, from the C Terminus of the protein sequence according to NP\_004545.2; NP\_001185894.1; NP\_001185895.1; NP\_001185896.1.

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 1:16000.

**Western blot:** No signal obtained yet but low background observed in MOLT-4, Jurkat, A431, HeLa, Human Brain and Human Heart lysates at upto 2µg/ml.

### Species Reactivity

**Tested:**

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