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

EB09504 - Goat Anti-NFATC3 / NFAT4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NFATC3, nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3, NFAT4, NFATX, T cell transcription factor NFAT4, nuclear factor of activated T-cells c3 isoform IE-Xa, nuclear factor of activated T-cells, cytoplasmic 3

Official Symbol: NFATC3

Accession Number(s): NP_775188.1; NP_004546.1; NP_775186.1; NP_775187.1

Human GeneID(s): [4775](#)

Important Comments: This antibody is expected to recognize all four reported isoforms (NP_775188.1; NP_004546.1; NP_775186.1; NP_775187.1).

Immunogen

Peptide with sequence C-HQELDAHEDDLQIN, from the internal region (near N Terminus) of the protein sequence according to NP_775188.1; NP_004546.1; NP_775186.1; NP_775187.1.

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: Approx 150kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 116kDa according to NP_775188.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

EB09504 (0.03µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.