

### **International Office**

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# EB05562 - Goat Anti-NFATC4 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

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

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-SGFPAPPGEEPPA, 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.

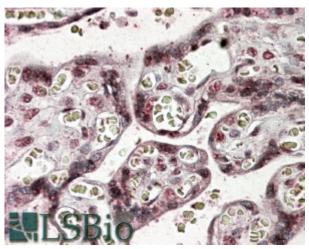
**Western blot:** No signal obtained yet but low background observed in MOLT-4, Jurkat, A431, HeLa, Human Brain and Human Heart lysates at upto 2µg/ml.

**IHC:** In paraffin embedded Human Placenta shows weak nuclear staining in trophoblasts.. Recommended concentration, 2.5-3.8µg/ml.

## **Species Reactivity**

Tested: Human

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



 $EB05562~(3.8 \mu g/ml)~staining~of~paraffin~embedded~Human~Placenta.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$