



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## 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-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.

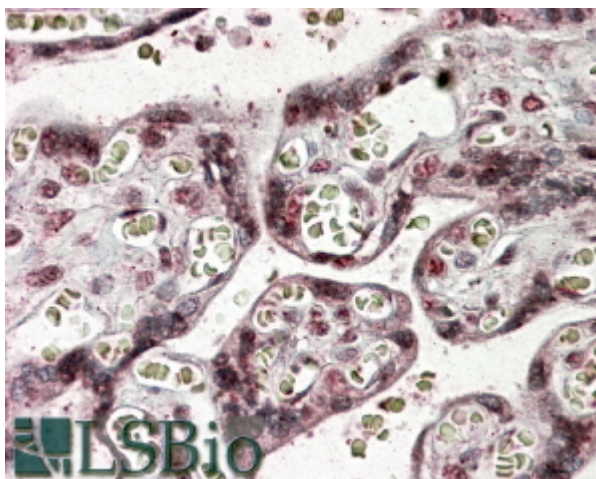
**Western blot:** No signal obtained yet but low background observed in MOLT-4, Jurkat, A431, HeLa, Human Brain and Human Heart lysates at upto 2µg/ml.

**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 (3.8µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.