

## Goat anti-NFATC4 Antibody

<b>Item Number</b>	dAP-0145
<b>Target Molecule</b>	Principle Name: NFATC4; Official Symbol: NFATC4; All Names and Symbols: 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; Accession Number (s): NP_004545.2; NP_001185894.1; NP_001185895.1; NP_001185896.1; Human Gene ID(s): 4776; Non-Human GeneID(s):
<b>Immunogen</b>	SGFPAPPGEPPA, is from C Terminus 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).
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Placenta shows weak nuclear staining in trophoblasts.. Recommended concentration, 2.5-3.8µg/ml.
<b>Reference</b>	Reference(s): Hoey T, Sun YL, Williamson K, Xu X. Isolation of two new members of the NF-AT gene family and functional characterization of the NF-AT proteins. Immunity 1995 May;2(5):461-72.PMID: 7749981->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**