

Goat anti-NFATC4 Antibody

Item Number	dAP-0145
Target Molecule	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 GenelD(s):
Immunogen	SGFPAPPGEPEPPA, 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).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Human Placenta shows weak nuclear staining in trophoblasts.. Recommended concentration, 2.5-3.8µg/ml.
Reference	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. <i>Immunity</i> 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**