

## Goat anti-NFATC4 / NFAT3 Antibody

Item Number	dAP-1843
Target Molecule	Principle Name: NFATC4 / NFAT3; Official Symbol: NFATC4; All Names and Symbols: NFATC4; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4; NF-ATc4; NFAT3; T cell transcription factor NFAT3; nuclear factor of activated T-cells, cytoplasmic 4; Accession Number (s): NP_001129494.1; NP_004545.2; Human Gene ID(s): 4776; Non-Human GeneID(s):
Immunogen	EATVNRLQSNEVTLT, is from internal region This antibody is expected to recognize both isoforms (NP_001129494.1; NP_004545.2).
Applications	Pep ELISA  Species Tested:
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 64000.
Western Blot	Western Blot: Preliminary experiments in Human Heart, Jurkat and MOLT-4 lysates gave no specific signal but low background (at antibody concentration up to 0.5µg/ml). We would appreciate any feedback from people in the field - have any results been reported?
IHC	
Reference	Reference(s): Yao K, Cho YY, Bergen HR, Madden BJ, Choi BY, Ma WY, Bode AM, Dong Z, Nuclear factor of activated T3 is a negative regulator of Ras-JNK1/2-AP-1 induced cell transformation. <i>Cancer Res.</i> 2007 Sep 67 (18): 8725-35..PMID: 17875713->

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 end users! This product is sold for **Research Use Only**