



Anti-NFATC1 (aa 175-225) polyclonal antibody (DPABH-21947)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 or IL-4 gene transcription. Also controls gene expression in embryonic cardiac cells. Could regulate not only the activation and proliferation but also the differentiation and programmed death of T-lymphocytes as well as lymphoid and non-lymphoid cells.
Immunogen	Synthetic peptide, corresponding to a region within amino acids 175-225 of Human NFAT2 (EAW66621.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	NFATC1 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 [Homo sapiens]
Official Symbol	NFATC1
Synonyms	NFATC1; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1; NFAT2; NFATc; NF-ATC; nuclear factor of activated T-cells, cytoplasmic 1; NFAT transcription complex cytosolic component;
Entrez Gene ID	4772
Protein Refseq	NP_001265598.1
UniProt ID	O95644
Pathway	B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Ca2+ pathway; Calcium signaling in the CD4+ TCR pathway
Function	FK506 binding; RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription