



Anti-NFATC2 (aa 812-921) polyclonal antibody (DPAB-DC2020)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants encoding different isoforms have been characterized.
Immunogen	NFATC2 (NP_036472, 812 a.a. ~ 921 a.a) partial recombinant protein with GST tag. The sequence is HYSPTNQQLRCGSHQEFQHIMYCENFAPGTTRPGPPPVSQGQRLSPGSYPTVIQQQNATS QRAAKNGPPVSDQKEVLPAGVTIKQEQNLDQTYLDDDELIDTRLSWIQNIL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NFATC2 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 [Homo sapiens (human)]
Official Symbol	NFATC2
Synonyms	NFATC2; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2; NFAT1; NFATP; nuclear factor of activated T-cells, cytoplasmic 2; NF-ATc2; NFAT pre-existing subunit; T cell transcription factor NFAT1; T-cell transcription factor NFAT1; NFAT transcription complex, preexisting component; preexisting nuclear factor of activated T-cells 2; nuclear factor of activated T-cells, preexisting component;
Entrez Gene ID	4773
Protein Refseq	NP_001129493
UniProt ID	Q13469
Chromosome Location	20q13.2
Pathway	Axon guidance; B cell receptor signaling pathway; Calcium signaling in the CD4+ TCR pathway; FCER1 mediated Ca ⁺² mobilization
Function	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
