



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	NFATC2 (NP_036472, 812 a.a. ~ 921 a.a) partial recombinant protein with GST tag. The sequence is HYSPTNQQLRCGSHQEFQHIMYCENFAPGTTRPGPPVVSQGGRLSPGSYPTVIQQQNATS QRAAKNGPPVSDQKEVLPAAGVTIKQEQNLDQTYLDDELIDTRLISWIQNIL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NFATC2 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NFATC2
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">4773</a>
<b>Protein Refseq</b>	<a href="#">NP_001129493</a>
<b>UniProt ID</b>	<a href="#">Q13469</a>
<b>Chromosome Location</b>	20q13.2
<b>Pathway</b>	Axon guidance; B cell receptor signaling pathway; Calcium signaling in the CD4+ TCR pathway; FCERI mediated Ca+2 mobilization
<b>Function</b>	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity