



Anti-NFATC3 (aa 70-149) polyclonal antibody (DPAB-DC2021)

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

PRODUCT INFORMATION

Antigen Description The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Several transcript variants encoding distinct isoforms have been identified for this gene.

Immunogen NFATC3 (NP_775188, 70 a.a. ~ 149 a.a) partial recombinant protein with GST tag. The sequence is
HSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITSISPNC HQELDAHED
DLQINDPEREFLERPSRDHL

Source/Host Mouse

Species Reactivity Human

Conjugate Unconjugated

Applications 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	NFATC3 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3 [Homo sapiens (human)]
Official Symbol	NFATC3
Synonyms	NFATC3; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3; NFAT4; NFATX; nuclear factor of activated T-cells, cytoplasmic 3; NF-ATc3; T cell transcription factor NFAT4; nuclear factor of activated T-cells c3 isoform IE-Xa;
Entrez Gene ID	4775
Protein Refseq	NP_004546
UniProt ID	B5B2S0
Chromosome Location	16q22.2
Pathway	Axon guidance; B Cell Receptor Signaling Pathway; Calcium signaling in the CD4+ TCR pathway.
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; chromatin binding;