



Rabbit Anti-Human NFATC1 Polyclonal Antibody (DPABH-24933)

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

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human NFATC1 (NP_765978.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB, IHC
Positive Control	Jurkat,U-87MG,B-cell,K-562,Mouse spleen
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction The product of this gene is a component of the nuclear factor 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. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.

Keywords

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;

GENE INFORMATION

Entrez Gene ID

[4772](#)

UniProt ID

[O95644](#)
