

DNAXPAb

Hard-to-Find
Antibody

NFATC1 DNAXPab

Catalog # H00004772-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NFATC1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MPSTSFPVPSKFPLGPAAAVFGRGETLGPAPRAGGTMKSAEEEHYGYASSNVSPALPLPTAHSTLPAPCHNLQTSTPGIIPADHPSPGYGAALDGGPAGYFLSSGHTRPDGAPALESPRIEITSCLGLYHNNQFFHDVEVEDVLPSSKRSPSTATLSLPSLEAYRDPSCLSPASSLSSRSCNSEASSYESNYSYPYASPQTSPWQSPCVSPKTTDPEEGFPRGLGACTLLGSPRHSPSTSPRASVTEESWLGARSSRPASPCNKRKYSLNQRQPPYSPHHSPTSPHGSPPRVSVTDDSWLGNTTQYTSSAMAALTTDS SLDLGDGVPVKSRKTTLQPPSVALKVEPVGEDLGSPPPPADFAPEDYSSFQHIRKGGFCQYL AVPQHPYQWAKPKPLSPTSYSPTLPALDWQLPSHSGPYELRIEVQPKSHHRAHYETEGSRGAVKASAGGHPVQLHGYLENEPLMLQLFIGTADDRLLRPHAFYQVHRITGKTVSTTSHEAILSNTKVLEI PLLPENSMRAVIDCAGILKLRNSDIELRKGETDIGRKNTVRVLFVRVHVPQPQSGRTLQSLQVASNPIE CSQRSAQELPLVEKQSTDSYPVVGKKMVLSGHNFLQDSKVIFVEKAPDGHHVWEMEAKTDRDLCKPNSLVVEIPFRNQRTSPVHVSFYVCNGKRKRSQYQRFTYLPANGNAIFLTVSREHERVGCFF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NFATC1

Entrez GeneID [4772](#)

GeneBank Accession# [HQ258242.1](#)

Protein Accession# [ADR82996.1](#)

Gene Name NFATC1

Gene Alias MGC138448, NF-ATC, NFAT2, NFATc

Gene Description nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1

Omim ID [600489](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Five transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes. [provided by RefSeq]

Other Designations NFAT transcription complex cytosolic component|nuclear factor of activated T-cells, cytosolic component 1

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)

- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Heart Septal Defects](#)
- [Kidney Failure](#)
- [Pulmonary Valve Stenosis](#)
- [Tricuspid Atresia](#)