

DNAXPab

Hard-to-Find
Antibody

NFATC4 DNAXPab

Catalog # H00004776-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NFATC4 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MGAASCEDEEEFLKLVFGEEKEAPPLGAGGLGEELDSEDAPPCCRLALGEPPPYGAAPIGIPRP PPPRPGMHSPPPRPAPSPGTWESQPARSVRLGGPGGGAGGAGGGRVLECPsiritsisPTPEPP AALEDNPDawGDGSPRDYPPPEGFGGgyREAGGQGGGAFFSPSPGSSSLSSWSFFSDASDEA ALYAACDEVESELNEAASRFLGSLPLSPRASRPWTPEDPWSLYGPSPGGRGPEDSWLLLSA PGTPASPRPASPCGKRRYSSSGTPSSASPALSRRGSLGEEGSEPPPPPLPLARDPGSPGPF DYVGAPPAESIPQKTRRTSSEQAVALPRSEEPASCNGKLPLGAEESVAPPGGSRKEVAGMDYL AVPSPLAWSKARIGGHSPiFRTSALPPLDWPLPSQYEQLELRiEVQPRAHHRAHYETEGSRGAVK AAPGGHPVVKLLGYSEKPLTLQMFIGTADERNLRPHAFYQVHRITGKMVATASYEAVVSGTKVLE MTLLPENMAANIDCAGILKLRNSDIELRKGETDIGRKNTRVRLVFRVHVPQGGGKVVSVQAASVP IECSQRSAQELPQVEAYSPSACSVRGGEELVLTGSNFLPDSKVVFIERGPDGKLQWEEETVNR LQSNEVTLTLTVPEYSNKRVSrpVQVYFVSNGRRKRSPTQSFRFLPVICKEEPLDSSLRGFPS ASATPFGTDMDFSPRPPYPSPYHEDPACETPYLSEFGYGMPLYPQTGPPPSYRPLRMFPE TRGTTGCAQPPAVSFLPRPFPSDPYGGRGSSFSGLLPFSPPAPFRPPPLASPPLGPFPSQSD VHPLPAEGYNKVGPGYGPGEGAPEQEKSrGGYSSGFRDSVPIQGITLEEVSEIIGRDLSGFPAPP GEEPPA
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 — NFATC4

Entrez GeneID [4776](#)

GeneBank Accession# [NM_004554.3](#)

Protein Accession# [NP_004545.2](#)

Gene Name NFATC4

Gene Alias NF-ATc4, NFAT3

Gene Description nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4

Omim ID [602699](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 of nuclear factors of activated T cells also participate in the formation of this complex. The product of this gene plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]

Other Designations T cell transcription factor NFAT3|nuclear factor of activated T-cells, cytoplasmic 4

Pathway

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

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

Disease

- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)