

NFATC4 polyclonal antibody

Catalog # PAB18715 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NFATC4.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human NFATC4.
Sequence	C-EATVNRLQSNEVTLT
Host	Goat
Specificity	This antibody is expected to recognize both isoforms (NP_001129494.1; NP_004545.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NFATC4

Entrez GeneID	4776
Protein Accession#	NP_001129494.1;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](#)