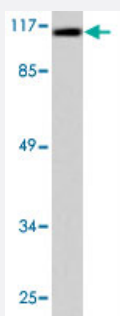


# NFATC3 polyclonal antibody

Catalog # PAB27113      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate treated with Ca<sup>+</sup> 40nM 30' treated. Using NFATC3 polyclonal antibody (Cat # PAB27113).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of NFATC3.
<b>Immunogen</b>	A synthetic peptide corresponding to human NFATC3.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	115
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	NFATC3 polyclonal antibody detects endogenous levels of NFATC3 protein.
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate treated with Ca<sup>2+</sup> 40nM 30' treated. Using NFATC3 polyclonal antibody (Cat # PAB27113).

- Immunohistochemistry

## Gene Info — NFATC3

**Entrez GeneID**[4775](#)**Protein Accession#**[Q12968](#)**Gene Name**

NFATC3

**Gene Alias**

NFAT4, NFATX

**Gene Description**

nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3

**Omim ID**[602698](#)**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 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. Four transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations**

T cell transcription factor NFAT4|nuclear factor of activated T-cells c3 isoform IE-Xa|nuclear factor of activated T-cells, cytoplasmic 3

## 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](#)
- [Kidney Failure](#)