

## NFATC3 polyclonal antibody (A01)

Catalog # H00004775-A01

Size 50 uL

### Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant NFATC3.
<b>Immunogen</b>	NFATC3 (NP_775188, 70 a.a. ~ 149 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	HSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITSISPNCHQEELDAHEDDLQINDP EREFLEPSPSRDHL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (89); Rat (86)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- ELISA

### Gene Info — NFATC3

<b>Entrez GeneID</b>	<a href="#">4775</a>
<b>GeneBank Accession#</b>	<a href="#">NM_173165</a>
<b>Protein Accession#</b>	<a href="#">NP_775188</a>
<b>Gene Name</b>	NFATC3

Gene Alias	NFAT4, NFATX
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
Omim ID	<a href="#">602698</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
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](#)