



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## NFATC1 polyclonal antibody (A01)

Catalog # : H00004772-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant NFATC1.

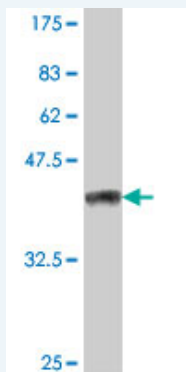
**Immunogen:** NFATC1 (NP\_006153, 701 a.a. ~ 810 a.a) partial recombinant protein with GST tag.

**Sequence:** IKTEPTDDYEPAPTCGPVSQGLSPLPRPYYSQQLAMPDPSSCLVAGFP  
PCPQRSTLMPAAPGVSPKLHDLSPAAYTKGVASPGHCHLGLPQPAGEA  
PAVQDVPRPVATH

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 KDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

### Gene Information

**Entrez GeneID:** [4772](#)

**GeneBank Accession#:** [NM\\_006162](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein Accession#:** [NP\\_006153](#)

**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

#### Gene Pathway

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

#### Related Disease

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Heart Defects, Congenital](#) [Heart Septal Defects, Ventricular](#) [Kidney Failure, Chronic](#) [Pulmonary Valve Stenosis](#) [Tricuspid Atresia](#)