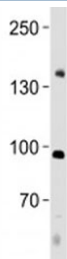


## NFATC4 Antibody (F42772)

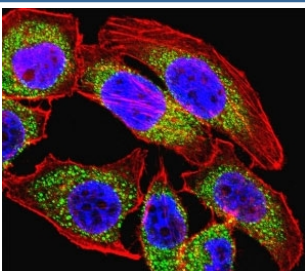
Catalog No.	Formulation	Size
F42772-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42772-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q14934
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 1:1000 INFATC4 Antibommunofluorescence : 1:10-1:50
<b>Limitations</b>	This NFATC4 antibody is available for research use only.



NFATC4 antibody western blot analysis in human placenta tissue lysate. Predicted molecular weight ~95 kDa, also can be observed at 120-140 kDa.



Fluorescent confocal image of U251 cell stained with NFATC4 antibody. NFATC4 immunoreactivity is localized to the cytoplasm.

## Description

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].

## Application Notes

Titration of the NFATC4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 744-773 from the human protein was used as the immunogen for this NFATC4 antibody.

## Storage

Aliquot the NFATC4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.