




Product datasheet

Anti-NFATC2IP antibody ab169140

[1 References](#) [2 Images](#)

Overview

Product name	Anti-NFATC2IP antibody
Description	Mouse polyclonal to NFATC2IP
Host species	Mouse
Specificity	In theory, the antibody could interact with isoform1 too since isoform2 is only a truncated version of isoform 1. Only isoform 2 has been tested (NFATC2IP transfected 293T cell lysate).
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cynomolgus monkey 
Immunogen	Recombinant full length protein corresponding to Human NFATC2IP aa 1 to the C-terminus. Database link: Q8NCF5-2  Run BLAST with  Run BLAST with
Positive control	ICC/IF: HeLa cells. WB: NFATC2IP transfected 293T cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.4 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab169140 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 15 kDa. Only isoform 2 has been tested (NFATC2IP transfected 293T cell lysate).
ICC/IF		Use a concentration of 10 µg/ml. Antibody purification with Protein A will be needed prior to use.

Target

Function

Plays a role in the inducible expression of cytokine genes in T-cells, especially by increasing NFAT-driven IL-4 production.

Sequence similarities

Contains 1 ubiquitin-like domain.

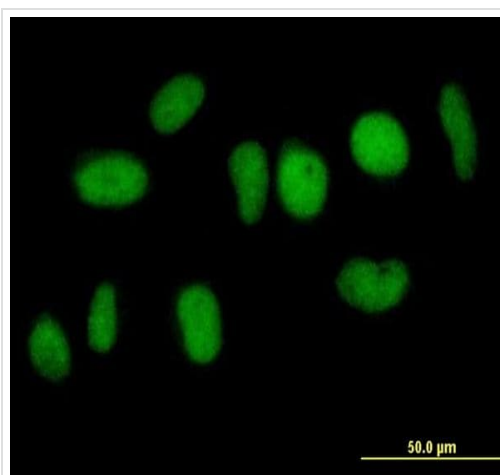
Post-translational modifications

Methylation at the N-terminus by PRMT1 modulates interaction with the NFAT complex and results in augmented cytokine production.

Cellular localization

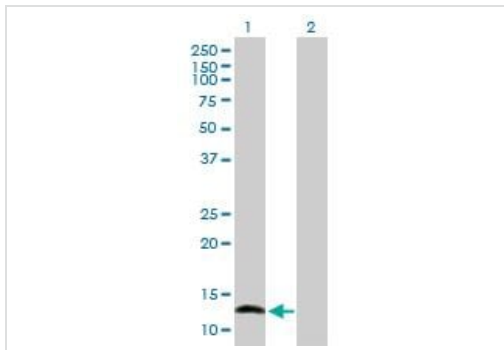
Nucleus. Cytoplasm. TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus.

Images



Immunofluorescence analysis of permeabilized, paraformaldehyde-fixed HeLa cells, labeling NFATC2IP with ab169140 at 10 µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-NFATC2IP antibody (ab169140)



Western blot - Anti-NFATC2IP antibody (ab169140)

All lanes : Anti-NFATC2IP antibody (ab169140) at 1 µg/ml

Lane 1 : NFATC2IP transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 15 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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