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# Datasheet for ABIN6263623 anti-NFATC3 antibody (N-Term)

3 Images



## Overview

Quantity:	100 µL
Target:	NFATC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human NFAT4, corresponding to a region within N-terminal amino acids.
lsotype:	lgG
Specificity:	NFAT4 Antibody detects endogenous levels of total NFAT4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

# Target Details

Target:

NFATC3

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## Target Details

Alternative Name:	NFATC3 (NFATC3 Products)
Background:	Description: Acts as a regulator of transcriptional activation. Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2. Gene: NFATC3
Molecular Weight:	115kDa
Gene ID:	4775
UniProt:	Q12968
Pathways:	RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway, Chromatin Binding

# Application Details

Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



# kDa 1 2 250-150. 100-75-50-37-25-20-15-1 2 250 150 100 70 . 50 . 35 -25 -20 15 10 -

#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6269340 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

### Western Blotting

**Image 2.** Western blot analysis of NFAT4 expression in HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

#### **Western Blotting**

**Image 3.** Western blot analysis of extracts from B16F10, using NFAT4 Antibody. The lane on the left was treated with blocking peptide.

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