

Datasheet for ABIN7301054  
**anti-NFATC3 antibody (N-Term, pSer165)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	NFATC3
Binding Specificity:	N-Term, pSer165
Reactivity:	Human, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NFAT4 (pS165).
Specificity:	Recognizes endogenous levels of NFAT4 (pS165) protein.
Characteristics:	Rabbit polyclonal antibody to NFAT4 (pS165)
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	NFATC3
Alternative Name:	NFAT4 ( <a href="#">NFATC3 Products</a> )
Background:	NFAT4, Nuclear factor of activated T-cells, cytoplasmic 3, NF-ATc3, NFATc3, NFATx, T-cell transcription factor NFAT4, NF-AT4

## Target Details

Gene ID:	4775
UniProt:	<a href="#">Q12968</a> , <a href="#">P97305</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">WNT Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Chromatin Binding</a>

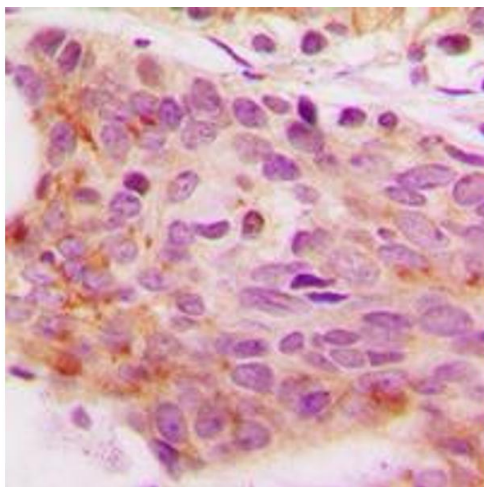
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

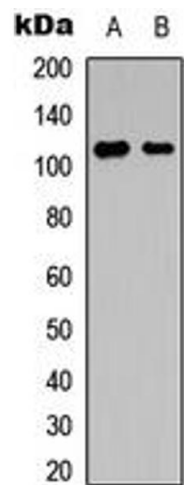
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



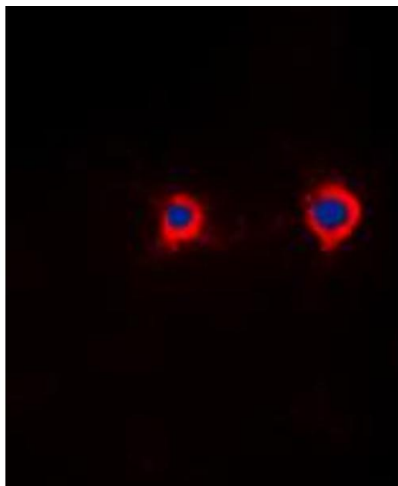
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of NFAT4 (pS165) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### Western Blotting

**Image 2.** Western blot analysis of NFAT4 (pS165) expression in Ramos (A), HeLa (B) whole cell lysates.



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of NFAT4 (pS165) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).