

Datasheet for ABIN7268976  
**anti-NFATC1 antibody**



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1 Image

## Overview

Quantity:	100 µL
Target:	NFATC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NFATC1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	NFAT2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human NFAT2.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	NFATC1
Alternative Name:	NFATC1 ( <a href="#">NFATC1 Products</a> )
Background:	The product of this gene is a component of the nuclear factor of activated T cells DNA-binding

Target Details

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. Multiple alternatively spliced 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, Jul 2013],NF-ATC,NF-ATc1.2,NFAT2,NFATc,NFATC1,B Cell Receptor Signaling Pathway,Cardiovascular,Epigenetics & Nuclear Signaling,Heart,Heart\_Cardiogenesis,Immunology & Inflammation,MAPK-JNK Signaling Pathway,Signal Transduction,T Cell Receptor Signaling Pathway,Transcription Factors,NFATC1

Molecular Weight: 101kDa

Gene ID: 4772

UniProt: [O95644](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

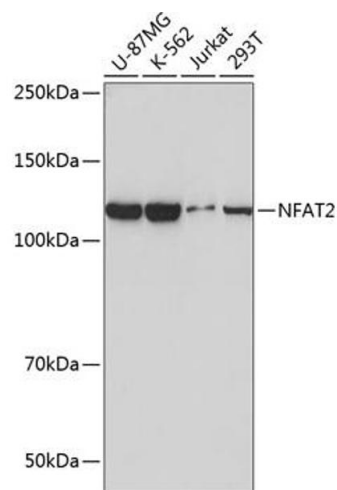
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using NF antibody (ABIN7268976) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.