

Datasheet for ABIN657821
anti-NFATC1 antibody (C-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	NFATC1
Binding Specificity:	AA 898-927, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NFATC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 898-927 amino acids from the C-terminal region of human NFATC1.
Clone:	RB34041
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NFATC1
Alternative Name:	NFATC1 (NFATC1 Products)
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. Five transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.

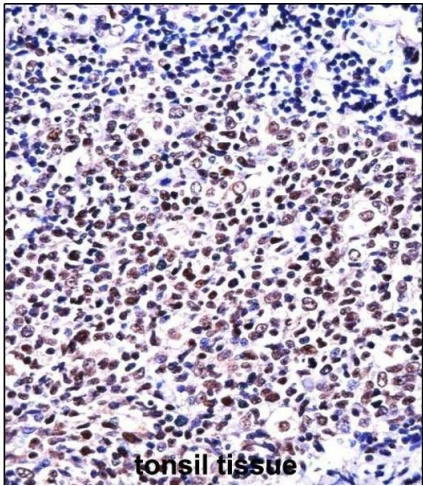
Molecular Weight:	101243
Gene ID:	4772
NCBI Accession:	NP_001265598 , NP_001265599 , NP_001265601 , NP_001265602 , NP_001265604 , NP_006153 , NP_765975 , NP_765976 , NP_765977 , NP_765978
UniProt:	O95644
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

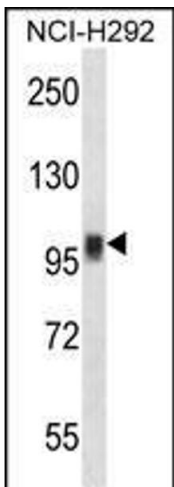
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	NFATC1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NFATC1 Antibody (C-term) ((ABIN657821 and ABIN2846788))immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NFATC1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NFATC1 Antibody (C-term) (ABIN657821 and ABIN2846788) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the NFATC1 antibody detected the NFATC1 protein (arrow).