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Datasheet for ABIN3032038
anti-NFATC1 antibody (AA 898-927)

3 Images

Overview

Quantity:	0.4 mL
Target:	NFATC1
Binding Specificity:	AA 898-927
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 898-927 from the human protein was used as the immunogen for this NFATC1 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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 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,

Target Details

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.

UniProt: [O95644](#)

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

Application Details

Application Notes: Titration of the NFATC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

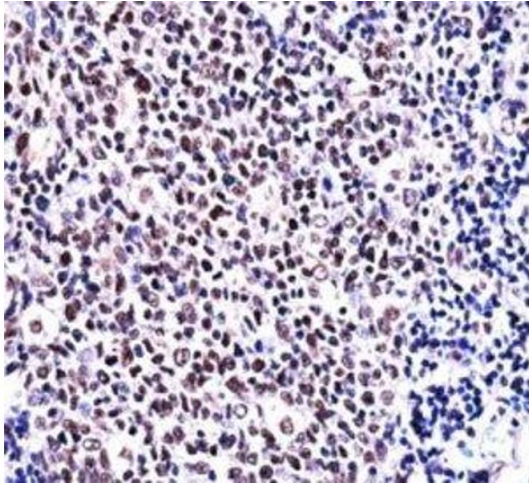
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

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: Aliquot the NFATC1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. NFATC1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.



Western Blotting

Image 2. NFATC1 antibody western blot analysis in NCI-H292 lysate.



Western Blotting

Image 3. NFATC1 antibody western blot analysis in NCI-H292 lysate.