

Rabbit anti-Human NFATC1 Polyclonal Antibody | anti-NFATC1 antibody

NFATC1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289903	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

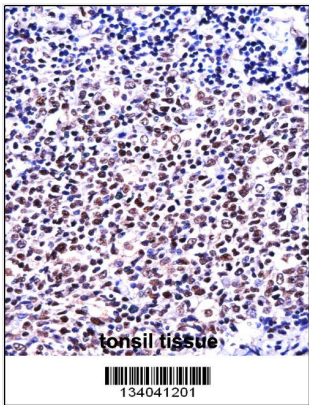
PRODUCT SYNONYMS

NFATC1; Polyclonal Antibody; NFATC1 Antibody (C-term); Nuclear factor of activated T-cells; cytoplasmic 1; NF-ATc1; NFATc1; NFAT transcription complex cytosolic component; NF-ATc; NFATc; NFAT2; NFATC; anti-NFATC1 antibody

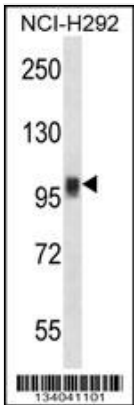
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	898-927
Sequence Length	353
Applicable Applications for anti-NFATC1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NFATC1 Antibody (C-term) (AAA289903)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.



WB (Western Blot)
NFATC1 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the NFATC1 antibody detected the NFATC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC1 antibody	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, 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.
Product Categories/Family for anti-NFATC1 antibody	Cardiovascular; Immunology; Signal Transduction
References	Liu, Y.J., et al. Obesity (Silver Spring) 18(12):2339-2346(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Chen, C., et al. Biocell 34(2):57-63(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Amaral, F.R., et al. J. Oral Pathol. Med. 39(3):269-274(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	522021835
NCBI GeneID	4772
NCBI Accession #	NP_001265598.1; NP_001265599.1; NP_001265601.1; NP_001265602.1; NP_001265604.1; NP_006153.2; NP_765975.1; NP_765976.1; NP_765977.1; NP_765978.1
NCBI GenBank Nucleotide #	NM_001278669.1
UniProt Accession #	O95644; Q12865; Q15793; Q2M1S3; B5B2M4; B5B2M5; B5B2M6; B5B2M7; B5B2M8; B5B2M9; B5B2N1
Molecular Weight	101243
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 1 isoform F
NCBI Official Synonym Full Names	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1

NCBI Official Symbol	NFATC1
NCBI Official Synonym Symbols	NFAT2; NFATc; NF-ATC; NF-ATc1.2
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 1
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 1
UniProt Gene Name	NFATC1
UniProt Synonym Gene Names	NFAT2; NFATC; NF-ATc1; NFATc1; NF-ATc; NFATc
UniProt Entry Name	NFAC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfatc1-antibody-immunohistochemistry-western-blot-elisa/289903>