Rabbit anti-Human NFAT2 Polyclonal Antibody | anti-NFAT2 antibody

NFAT2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281717	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

NFAT2; Polyclonal Antibody; NFAT2 Rabbit pAb; NF-ATC; NF-ATc1.2; NFATc; NFATC1; anti-NFAT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NFAT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human NFAT2.
Cellular Location	Cytoplasm, Nucleus
Positive Samples	293T, U-87MG, K-562
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human appendix using NFAT2 antibody at dilution of 1:200 (40x lens).

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human tonsil using NFAT2 antibody at dilution of 1:200 (40x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using NFAT2 Rabbit pAb at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NFAT2 antibody	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, 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.
Product Categories/Family for anti-NFAT2 antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Signal Transduction; MAPK-JNK Signaling Pathway; Research; Immunology & Inflammation; B Cell Receptor Signaling Pathway; Research; Immunology & Inflammation; T Cell Receptor Signaling Pathw

NCBI AND UNIPROT INFORMATION

NCBI GI #	8928220
NCBI GeneID	4772
UniProt Accession #	O95644; Q12865; Q15793; Q2M1S3; B5B2M4; B5B2M5; B5B2M6; B5B2M7; B5B2M8; B5B2M9; B5B2N1
NCBI Official Full Name	Nuclear factor of activated T-cells, cytoplasmic 1
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
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 1; NFAT transcription complex cytosolic component
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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