

Rabbit anti-Human, Rat NFATC3 Polyclonal Antibody | anti-NFATC3 antibody

NFATC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234133	Rabbit	Human, Rat	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

NFATC3; Polyclonal Antibody; NFATC3 Antibody; Nuclear factor of activated T-cells; cytoplasmic 3; NF-ATc3; NFATc3; NFATx; T-cell transcription factor NFAT4; NF-AT4; NFAT4; anti-NFATC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Sequence Length	1068
Applicable Applications for anti-NFATC3 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Nuclear factor of activated T-cells, cytoplasmic 3 protein (887-1070AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	NFATC3
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with (AAA234133) at 1:155, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate,A549 whole cell lysate, HepG2 whole cell lysate,Rat kidney tissueAll lanes: NFATC3 antibody at 4.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 116, 113, 78, 81 kDaObserved band size: 116 kDa



IHC (Immunohistochemistry)

IHC image of AAA234133 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC3 antibody	Acts as a regulator of transcriptional activation. Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2.
Product Categories/Family for anti-NFATC3 antibody	Epigenetics and Nuclear Signaling; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758804
NCBI GeneID	4775
NCBI Accession #	NP_004546.1
NCBI GenBank Nucleotide #	NM_004555.3
UniProt Accession #	Q12968; O75211; Q14516; Q99840; Q99841; Q99842
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 3 isoform 2
NCBI Official Synonym Full Names	nuclear factor of activated T cells 3
NCBI Official Symbol	NFATC3
NCBI Official Synonym Symbols	NFAT4; NFATX
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 3
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 3
UniProt Gene Name	NFATC3
UniProt Synonym Gene Names	NFAT4; NF-ATc3; NFATc3; NF-AT4

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/nfatc3-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/234133>