

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

NFAT2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28623	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry, ELISA

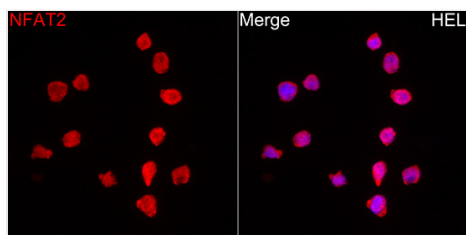
PRODUCT SYNONYMS

NFAT2; Polyclonal Antibody; NFAT2 Rabbit pAb; NFATC1; NF-ATC; NF-ATc1.2; NFATc; nuclear factor of activated T-cells 1; anti-NFAT2 antibody

PRODUCT SPECIFICATIONS

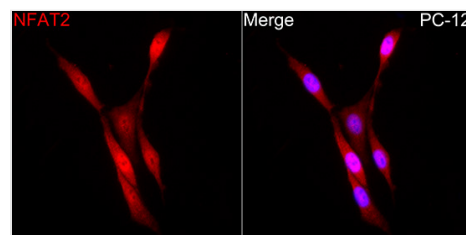
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	LPLVEKQSTD SYPVVGKKM VLSGHNFLQD SKVIFVEKAP DGHHVWEMEA KTDRDLCKPN SLVVEIPFPR NQRITSPVHV SFYVCNGKRK RSQYQRFTYL P
Applicable Applications for anti-NFAT2 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 595-694 of human NFAT2(NP_001265598.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



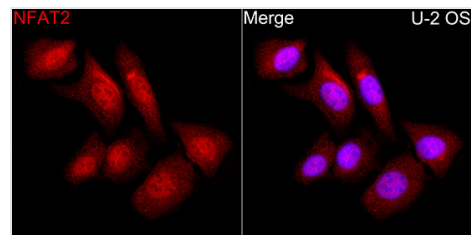
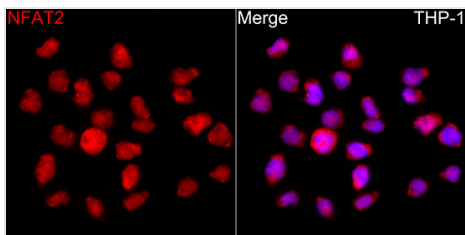
IF (Immunofluorescence)

Immunofluorescence analysis of HEL cells using NFAT2 Rabbit pAb(AAA28623) at a dilution of 1:25 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using NFAT2 Rabbit pAb(AAA28623) at a dilution of 1:25 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

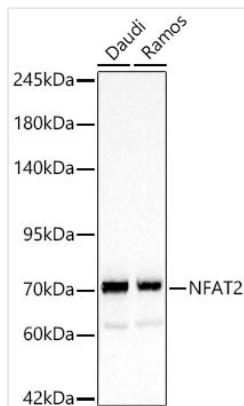


IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using NFAT2 Rabbit pAb(AAA28623) at a dilution of 1:25 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

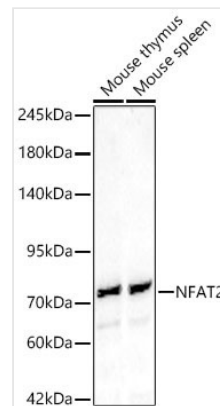
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using NFAT2 Rabbit pAb(AAA28623) at a dilution of 1:25 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using NFAT2 Rabbit pAb (AAA28623) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates using NFAT2 Rabbit pAb (AAA28623) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-NFAT2 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. 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](#); [Signal Transduction](#); [MAPK-JNK Signaling Pathway](#); [Immunology & Inflammation](#); [B Cell Receptor Signaling Pathway](#); [T Cell Receptor Signaling Pathway](#); [Cardiovascular](#); [Heart](#); [Cardiogenesis](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8928220
NCBI GeneID	4772
UniProt Accession #	O95644; Q12865; Q15793; Q2M1S3; B5B2M4; B5B2M5; B5B2M6; B5B2M7; B5B2M8; B5B2M9; B5B2N1
Molecular Weight	Calculated MW: 38kDa/74- 88kDa/100-101kDa Observed MW: 70kDa
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

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/nfat2-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/28623>