

Rabbit anti-Human, Mouse NFAT3 Polyclonal Antibody | anti-NFAT3 antibody

Rabbit anti-NFAT3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212006	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

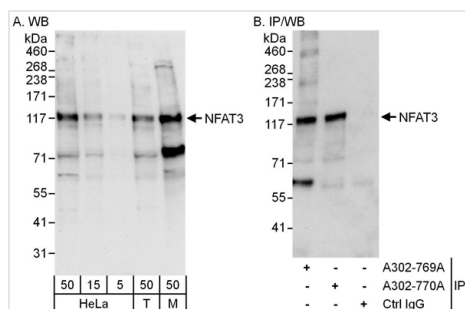
PRODUCT SYNONYMS

NFAT3; Polyclonal Antibody; Rabbit anti-NFAT3 Antibody; Affinity Purified; NFATc4; T-cell transcription factor NFAT3; nuclear factor of activated T-cells; cytoplasmic; calcineurin-dependent 4; NF-ATC4; NF-AT3; cytoplasmic 4; Nuclear factor of activated T-cells; nuclear factor of activated T cells 4; anti-NFAT3 antibody

PRODUCT SPECIFICATIONS

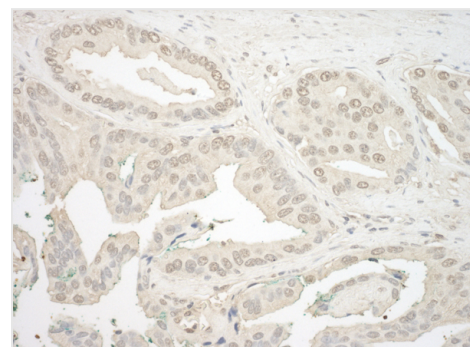
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NFAT3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse NFAT3 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-NFAT3 antibody AAA212006 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. NFAT3 was also immunoprecipitated by rabbit anti-NFAT3 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human NFAT3 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-NFAT3 (Cat. No. AAA212006 Lot1) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-NFAT3 antibody	NFAT3 (nuclear factor of activated T-cells 3) plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 and IL-4. NFAT3 is transcriptionally repressed by estrogen receptors; this inhibition is further enhanced by estrogen. NFAT3 increases the transcriptional activity of PPARG and has a direct role in adipocyte differentiation. It may also play an important role in myotube differentiation, cardiac development and hypertrophy, and in deafferentation-induced apoptosis of sensory neurons [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14934].
Product Categories/Family for anti-NFAT3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886563
NCBI GeneID	4776
NCBI Accession #	NP_004545.2
NCBI GenBank Nucleotide #	NM_004554.4
UniProt Accession #	Q14934 ; B4DDG5 ; B4DY55 ; B5B2U7 ; B5B2U8 ; B5B2U9 ; B5B2V0 ; B5B2V1 ; B5B2V2 ; B5B2V3 ; B5B2V4 ; B5B2V5
Molecular Weight	8,950 Da
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 4 isoform 2
NCBI Official Synonym Full Names	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
NCBI Official Symbol	NFATC4
NCBI Official Synonym Symbols	NFAT3; NF-AT3; NF-ATC4
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 4; T-cell transcription factor NFAT3
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 4
UniProt Gene Name	NFATC4
UniProt Synonym Gene Names	NFAT3; NF-ATc4; NFATc4; NF-AT3
UniProt Entry Name	NFAC4_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/nfat3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212006>