

anti-Human, Mouse NFAT2 Antibody | anti-NFAT2 antibody

NFAT2 (Phospho-Ser294) Antibody

CATALOG # AAA111670	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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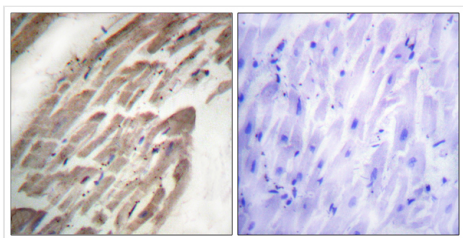
PRODUCT SYNONYMS

NFAT2; NFAT2 (Phospho-Ser294) Antibody; NF-ATc; NF-ATc1; NFAC1; NFAT transcription complex cytosolic component; NFATC; NFATC1; NFC1; Nuclear factor of activated T-cells cytoplasmic 1; anti-NFAT2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	NFAT2 (Phospho-Ser294) antibody detects endogenous levels of NFAT2 only when phosphorylated at serine 294.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	943
Applicable Applications for anti-NFAT2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NFAT2 around the phosphorylation site of serine 294 (R-V-SP-V-T).
All Sites	Human: Ser294 Mouse: Ser296
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human heart tissue using NFAT2 (Phospho-Ser294) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NFAT2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Gauci S., Anal. Chem. 81:4493-4501(2009). Northrop J.P., Nature 369:497-502(1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	522021835
NCBI GeneID	4772
NCBI Accession #	NP_001265598.1
NCBI GenBank Nucleotide #	NM_001278669.1
UniProt Accession #	O95644; Q12865; Q15793; Q2M1S3; B5B2M4; B5B2M5; B5B2M6; B5B2M7; B5B2M8; B5B2M9; B5B2N1
Molecular Weight	38,626 Da
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 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

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/human-mouse-antibody/nfat2/111670>