

anti-Human, Mouse NFAT4 Antibody | anti-NFAT4 antibody

NFAT4 (Phospho-Ser165) Antibody

CATALOG # AAA266943	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
-------------------------------	-----------------------------------	--

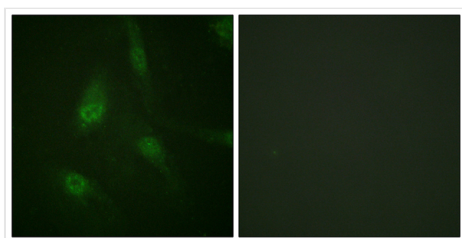
PRODUCT SYNONYMS

NFAT4; NFAT4 (Phospho-Ser165) Antibody; NF-AT4; NF-ATc3; NFAC3; NFATC3; NFATx; NFC3; Nuclear factor of activated T-cells; cytoplasmic 3; T cell transcription factor NFAT4; anti-NFAT4 antibody

PRODUCT SPECIFICATIONS

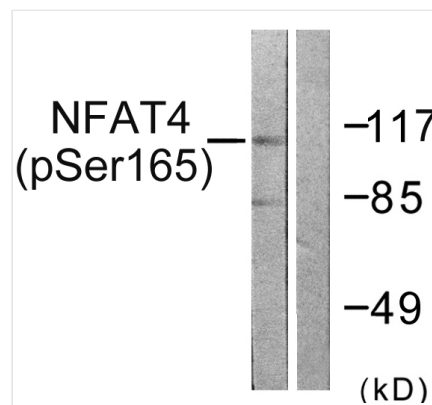
Reactivity	Human, Mouse
Specificity	NFAT4 (Phospho-Ser165) antibody detects endogenous levels of NFAT4 only when phosphorylated at serine 165.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	1068
Applicable Applications for anti-NFAT4 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NFAT4 around the phosphorylation site of serine 165 (S-P-SP-P-A).
All Sites	Human: Ser165 Mouse: Ser165
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HeLa cells, treated with Ca²⁺ (40nM, 30mins), using NFAT4 (Phospho-Ser165) antibody. Immunofluorescence analysis of HeLa cells, using NFAT4 (Phospho-Ser165) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-NFAT4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Chi-Wing Chow, Science, Nov 1997; 278: 1638. Kate Manley, J. Virol., Dec 2006; 80: 12079-12085. Andra S. Stevenson, J. Biol. Chem., Apr 2001; 276: 15018-15024. Jingtao Chen, J. Immunol., Mar 2003; 170: 3109.

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
Molecular Weight	80,582 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/nfat4/266943>