

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

NFAT4 (Phospho-Ser165) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316197	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Western Blot

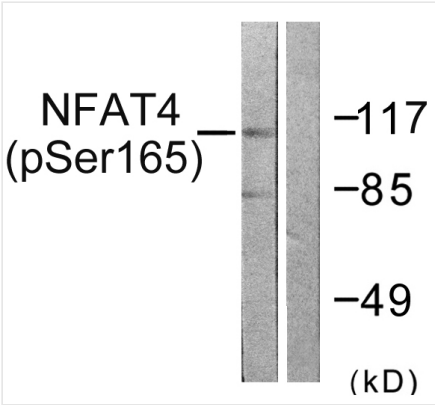
PRODUCT SYNONYMS

NFAT4; Polyclonal Antibody; NFAT4 (Phospho-Ser165) Antibody; anti-NFAT4 antibody

PRODUCT SPECIFICATIONS

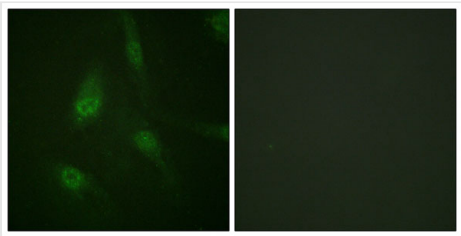
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	NFAT4 (Phospho-Ser165) Antibody detects endogenous levels of NFAT4 only when phosphorylated at Ser165.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	739
Applicable Applications for anti-NFAT4 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S165; M:S165
Immunogen	The antiserum was produced against synthesized peptide derived from human NFAT4 around the phosphorylation site of Ser165.
Immunogen Range	131-180
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa cells treated with Ca²⁺ 40nM 30', using NFAT4 (Phospho-Ser165) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using NFAT4 (Phospho-Ser165) Antibody. The picture on the right is blocked with the phospho peptide.

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	115 kDa
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.