

anti-Human, Mouse NFAT5 Antibody | anti-NFAT5 antibody

NFAT5 (Phospho-Ser1197) Antibody

CATALOG # AAA267622	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence
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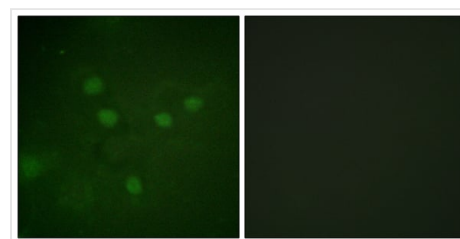
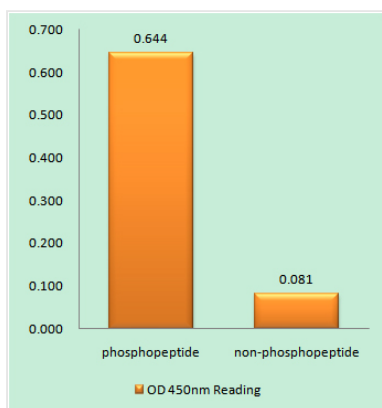
PRODUCT SYNONYMS

NFAT5; NFAT5 (Phospho-Ser1197) Antibody; KIAA0827; NF-AT5; T cell transcription factor NFAT5; TonE-binding protein; nuclear factor of activated T cells 5; tonicity-responsive enhancer-binding protein; anti-NFAT5 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	NFAT5 (Phospho-Ser1197) antibody detects endogenous levels of NFAT5 only when phosphorylated at serine 1197.
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	1548
Applicable Applications for anti-NFAT5 antibody	ELISA, IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NFAT5 around the phosphorylation site of serine 1197 (M-L-SP-Q-E).
All Sites	Human: Ser1197 Mouse: Ser1197
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IF (Immunofluorescence)

Immunofluorescence analysis of COS7 cells, using NFAT5 (Phospho-Ser1197) antibody. NFAT5 (Phospho-Ser1197) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

References	Jonathan H. Esensten, Nucleic Acids Res., Jul 2005; 33: 3845-3854. Jason Trama, J. Immunol., Nov 2002; 169: 5477. Cristina López-Rodríguez, PNAS, Feb 2004; 101: 2392.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164419746
NCBI GeneID	10725
NCBI Accession #	NP_001106649.1
NCBI GenBank Nucleotide #	NM_001113178.2
UniProt Accession #	O94916; O95693; Q7LA65; Q969Q8; Q96QH3; Q9UN18; A2RRB4; A6H8V5; E9PHR7
Molecular Weight	167,808 Da
NCBI Official Full Name	nuclear factor of activated T-cells 5 isoform d
NCBI Official Synonym Full Names	nuclear factor of activated T cells 5
NCBI Official Symbol	NFAT5
NCBI Official Synonym Symbols	NFATZ; OREBP; NF-AT5; NFATL1; TONEBP
NCBI Protein Information	nuclear factor of activated T-cells 5
UniProt Protein Name	Nuclear factor of activated T-cells 5
UniProt Gene Name	NFAT5
UniProt Synonym Gene Names	KIAA0827; TONEBP; TonEBP

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/nfat5/267622>