

Rabbit anti-Human NFAT3 Polyclonal Antibody | anti-NFATC4 antibody

Anti-NFAT3 (pS676) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259679	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

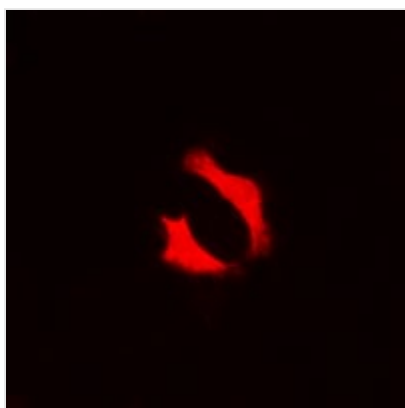
PRODUCT SYNONYMS

NFAT3; Polyclonal Antibody; Anti-NFAT3 (pS676) Phospho Antibody; Nuclear factor of activated T-cells; cytoplasmic 4; NF-ATc4; NFATc4; T-cell transcription factor NFAT3; NF-AT3; anti-NFATC4 antibody

PRODUCT SPECIFICATIONS

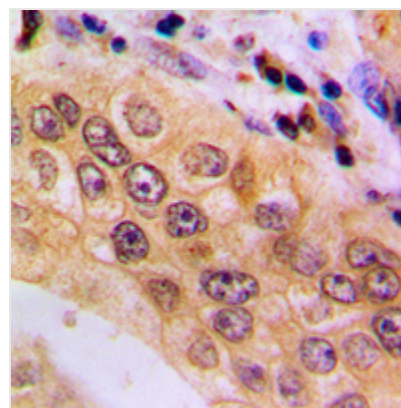
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of NFAT3 (pS676) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	82
Applicable Applications for anti-NFATC4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NFAT3 (pS676). The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



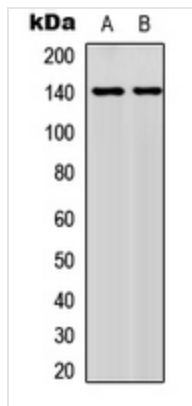
IF (Immunofluorescence)

Immunofluorescent analysis of NFAT3 (pS676) staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of NFAT3 (pS676) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of NFAT3 (pS676) expression in MCF7 (A), HeLa (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC4 antibody	Rabbit polyclonal antibody to NFAT3 (pS676)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862845
NCBI GeneID	4776
NCBI Accession #	NP_001129494.1
NCBI GenBank Nucleotide #	NM_001136022.2
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 1
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
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.