Anti-NFAT3 Rabbit Polyclonal Antibody

Catalog #: UY0001

Aliases

NFATC4; Nuclear Factor Of Activated T Cells 4; NFAT3; Nuclear Factor Of Activated T-Cells, Cytoplasmic, Calcineurin-Dependent 4; Nuclear Factor Of Activated T-Cells, Cytoplasmic 4; T-Cell Transcription Factor NFAT3; NF-AT3; Nuclear Factor Of Activated T-Cells 4; NF-ATC4; NF-ATc4; NFATc4

Background

Gene Name: NFATC4
NCBI Gene Entry: 4776
UniProt Entry: Q14934

Application Information

Molecular Weight: Predicted, 95 kDa; observed, 140 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human NFAT3

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

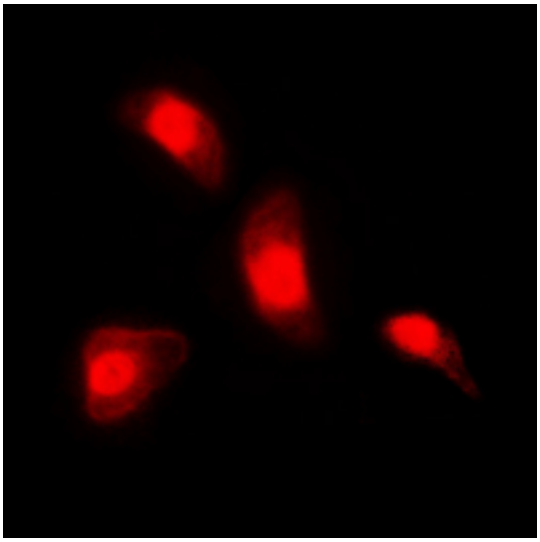
Store at -20 °C for one year.

Recommended Dilutions

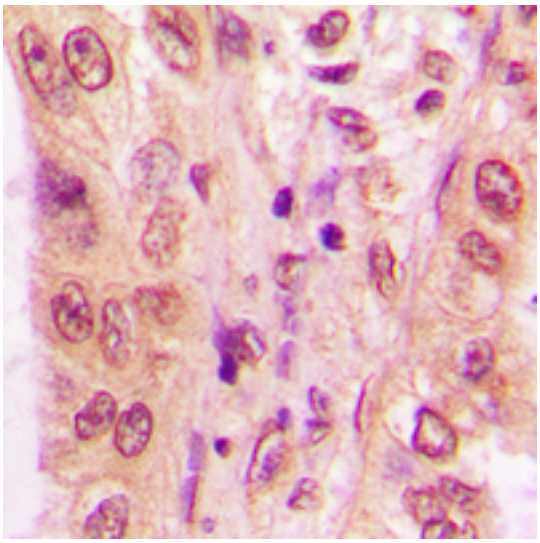
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:100-1:200
Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

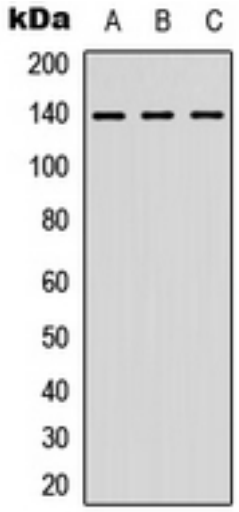
Validation Data



Immunofluorescent analysis of NFAT3 staining in A549 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 hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of NFAT3 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.



Western blotting analysis of NFAT3 expression in A549 (A), MCF7 (B), HeLa (C) whole cell lysates.