

## NFATc4 (N670) polyclonal antibody

Catalog: BS1762

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

NFATc4 (nuclear factor of activated T cells, cytoplasmic, calcineurin-dependent 4) is a member of the nuclear factors of activated T cells DNA-binding transcription complex that influences cytokine gene expression, cardiac hypertrophy and adipocyte differentiation. This complex consists of at least two components: a cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family participate in the formation of this complex. NFATc4 plays a role in the inducible expression of cytokine genes in T cells, including the induction of IL-2 and IL-4. p38 MAP kinase phosphorylates multiple residues in the NFAT homology domain of NFATc4.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 140 kDa

### Swiss-Prot:

Q14934

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

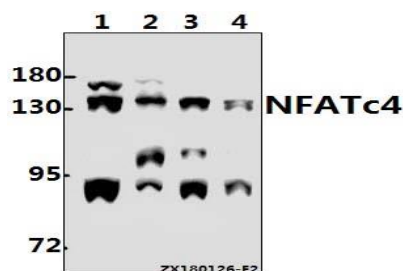
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

NFATc4 (N670) polyclonal antibody detects endogenous levels of NFATc4 protein.

### DATA:



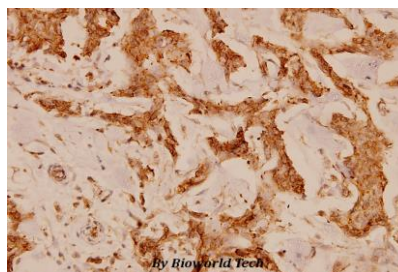
Western blot (WB) analysis of NFATc4 (N670) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:A2780 whole cell lysate(40ug)

Lane4:H1792 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of NFATc4 (N670) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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