

Product datasheet for **AP21053PU-N**

NFATC4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western blot: 1/500 - 1/1000. Immunohistochemistry on paraffin sections 1/50 - 1/200. Immunofluorescence: 1/50 - 1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 635-689 of Human NFATc4.
Specificity:	This antibody detects endogenous levels of NFATc4 protein. (region surrounding asn670)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 95 kDa
Gene Name:	nuclear factor of activated T-cells 4
Database Link:	Entrez Gene 73181 Mouse Entrez Gene 4776 Human Q14934



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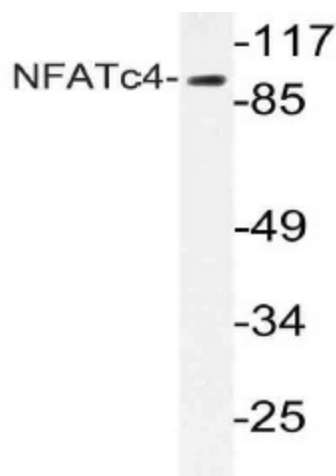
Background: The protein is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a pre-existing cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family of nuclear factors of activated T cells also participate in the formation of this complex. The product of this gene plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4.

Synonyms: NF-ATc4

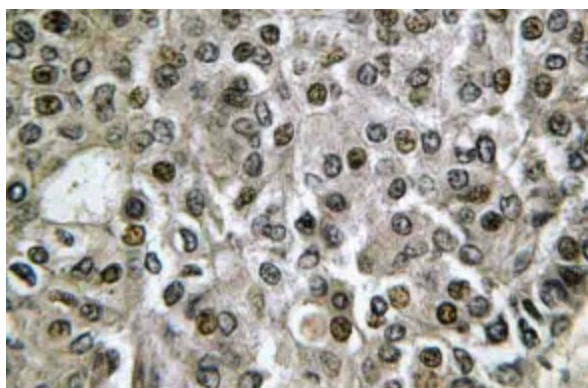
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Axon guidance, B cell receptor signaling pathway, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

Product images:



Western blot (WB) analysis of NFATc4 antibody in extracts from 293 cells.



Immunohistochemistry (IHC) analyzes of NFATc4 antibody (Cat.-No.: AP21053PU-N) in paraffin-embedded human breast carcinoma tissue.