

Product datasheet for TA323877

NFATC4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IHC, WB

Recommended Dilution: WB: 500-2000

WB positive control: Hela cell lysate

IHC: 50-200

Positive control: Human liver cancer Predicted cell location: Nucleus

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Synthetic peptide corresponding to a region derived from 420-434 amino acids of human

nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4

Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 102 kDa

Gene Name: nuclear factor of activated T-cells 4

Database Link: NP 001129494

Entrez Gene 73181 MouseEntrez Gene 305897 RatEntrez Gene 4776 Human

Q14934



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Background:

The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting 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. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Synonyms: NF-AT3; NF-ATC4; NFAT3

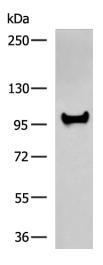
Protein Families: Druggable Genome, Transcription Factors

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:



Gel: 8%SDS-PAGE Lysate: 40 μg Lane: NIH/3T3 cells

Primary antibody: TA323877 (NFATC4 Antibody)

at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 5 minutes