

## 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% NaN <sub>3</sub> , 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:	<a href="#">NP_001129494</a> <a href="#">Entrez Gene 73181 Mouse</a> <a href="#">Entrez Gene 305897 Rat</a> <a href="#">Entrez Gene 4776 Human</a> <a href="#">Q14934</a>



[View online »](#)

**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:**