

## Product datasheet for **TA329760**

### NFATC4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFATC4 antibody: synthetic peptide directed towards the N terminal of human NFATC4. Synthetic peptide located within the following region: RGPEDSWLLLSAPGPTPASPRPASPCGKRRYSSSGTPSSASPALSRRGSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	95 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 4776 Human</a> <a href="#">Q14934</a>



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**Background:**

NFATC4 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. NFATC4 plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4. 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.

**Synonyms:**

NF-AT3; NF-ATC4; NFAT3

**Note:**

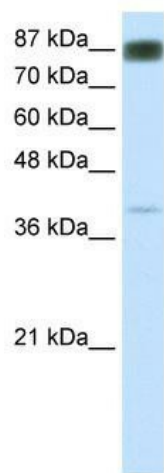
Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

**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:**

WB Suggested Anti-NFATC4 Antibody Titration: 0.2-1 ug/ml; Positive Control: Transfected 293T