

Product datasheet for **TA323876**

NFAT1 (NFATC2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal brain tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 730-743 amino acids of Human nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 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:	98 kDa
Gene Name:	nuclear factor of activated T-cells 2
Database Link:	NP_001129493 Entrez Gene 18019 Mouse Entrez Gene 4773 Human Q13469
Background:	This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation; where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants encoding different isoforms have been characterized.



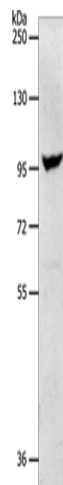
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Synonyms: NFAT1; NFATP

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: Human fetal brain tissue
Primary antibody: TA323876 (NFATC2 Antibody)
at dilution 1/650
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 10 minutes