

## Product datasheet for **TA327519S**

### **NFAT1 (NFATC2) Rabbit Polyclonal Antibody**

#### **Product data:**

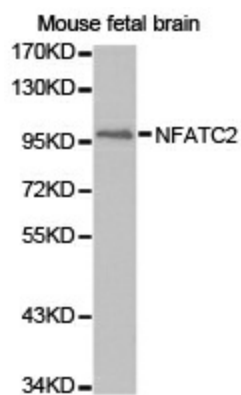
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IHC, WB
<b>Recommended Dilution:</b>	WB: 1:500-1:1000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	A synthetic peptide of human NFATC2
<b>Formulation:</b>	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	nuclear factor of activated T-cells 2
<b>Database Link:</b>	<a href="#">NP_036472</a> <a href="#">Entrez Gene 18019 Mouse</a> <a href="#">Entrez Gene 311658 Rat</a> <a href="#">Entrez Gene 4773 Human</a> <a href="#">Q13469</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	NFAT1; NFATP
<b>Protein Families:</b>	Druggable Genome, Transcription Factors



[View online »](#)

**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 analysis of extracts of mouse fetal brain cell line, using NFATC2 antibody.