
NFAT1 Rabbit pAb

Catalog Number: bs-4246R

Target Protein: NFAT1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: Flow-Cyt (1ug/Test), ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse, Rat, Pig, Cow, Dog, Horse)

Predicted MW: 100 kDa

Entrez Gene: 4773

Swiss Prot: Q13469

Source: KLH conjugated synthetic peptide derived from human NFATc2: 451-550/925.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Apr 2012]

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.063] Zhang Y et al. ASIC1a induces synovial inflammation via the Ca²⁺/NFATc3/RANTES pathway. *Theranostics*. 2020 Jan 1;10(1):247-264. IF ; Rat . 31903118

[IF=2.89] Thi-Thuyet Truong. et al. Ca²⁺ signaling-mediated low-intensity pulsed ultrasound-induced proliferation and activation of motor neuron cells. *Ultrasonics*. 2022 Aug;124:106739 IF ; Mouse . 35367809