bs-4246R

[Primary Antibody]

NFAT1 Rabbit pAb

- DATASHEET ------



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DATASTIL				
Host	Rabbit	lsotype: IgG	Applications: Flow-Cyt (lug/Test)	
Clonality: Polyclonal			ELISA (1:5000-10000)	
GenelD	: 4773	SWISS: Q13469	Reactivity: Human (predicted: Mouse,	
Target: NFAT1			Rat, Pig, Cow, Dog, Horse) Predicted MW.:	
Immunogen: KLH conjugated synthetic peptide derived from human NFATc2: 451-550/925.				
Purification: affinity purified by Protein A				
Concentration: 1mg/ml			Subcellular	
Storage	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.		Location: Cycopitain, Nucleus	
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]				

- SELECTED CITATIONS -

- [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=3.8] Thi-Thuyet Truong. et al.Low-intensity pulsed ultrasound reduces oxidative and endoplasmic reticulum stress in motor neuron cells.ultrasonics.2025 Feb:146:107499. Western blot ;Mouse. 39467391
- [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