

bs-9473R**[Primary Antibody]****NFAT5 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse) Predicted MW.: 166 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 10725	SWISS: O94916	
Target: NFAT5		
Immunogen: KLH conjugated synthetic peptide derived from human NFAT5: 221-320/1531.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: The product of this gene is a member of the nuclear factors of activated T cells family of transcription factors. Proteins belonging to this family play a central role in inducible gene transcription during the immune response. This protein regulates gene expression induced by osmotic stress in mammalian cells. Unlike monomeric members of this protein family, this protein exists as a homodimer and forms stable dimers with DNA elements. Multiple transcript variants encoding different isoforms have been found for this gene.		

— 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=4.067]** Tao H et al. NFAT5 is Regulated by p53/miR-27a Signal Axis and Promotes Mouse Ovarian Granulosa Cells Proliferation. Int J Biol Sci. 2019 Jan 1;15(2):287-297. WB ;Mouse. 30745821
- **[IF=3.216]** Shurong Duan. et al. Exosomes Derived from MicroRNA-146a-5p-Enriched Bone Marrow Mesenchymal Stem Cells Alleviate Intracerebral Hemorrhage by Inhibiting Neuronal Apoptosis and Microglial M1 Polarization. Drug Des Dev Ther. 2020; 14: 3143–3158 WB ;Rat. 32821084