

NFAT5 Rabbit pAb

Catalog Number: bs-9473R

Target Protein: NFAT5

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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

Entrez Gene: 10725

Swiss Prot: O94916

Source: KLH conjugated synthetic peptide derived from human NFAT5: 221-320/1531.

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: 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.

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=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