

phospho-NFkB p65 (Ser536) Rabbit pAb

Catalog Number: bs-0982R

Target Protein: phospho-NFkB p65 (Ser536)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200)

Reactivity: Mouse (predicted:Human, Rat, Monkey)

Predicted MW: 61 kDa

Entrez Gene: 5970

Swiss Prot: Q04206

Source: KLH conjugated Synthesised phosphopeptide derived from human NFkBp65 around the phosphorylation site of Ser536: FS(p-S)IA.

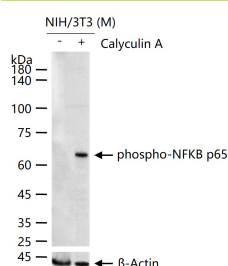
Purification: affinity purified by Protein A

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: NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFkB1 or NFkB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFkB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].

VALIDATION IMAGES



NIH/3T3 (M) cells were treated with or without Calyculin A (100nM) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with phospho-NFkB p65 polyclonal antibody, unconjugated (bs-0982R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

- [IF=17.521] Yi Yan. et al. Nanomedicines Reprogram Synovial Macrophages by Scavenging Nitric Oxide and Silencing CA9 in Progressive Osteoarthritis. *Advanced Science*. 2023 Feb;;2207490 WB ; Mouse . 36748885
- [IF=15.304] Sitong Liu. et al. MRI-visible mesoporous polydopamine nanoparticles with enhanced antioxidant capacity for osteoarthritis therapy. *BIOMATERIALS*. 2023 Apr;295:122030 WB ; Mouse . 36758340
- [IF=12.4] Manikandan Santhanam. et al. Interaction of SMAC with a survivin-derived peptide alters essential cancer hallmarks: Tumor growth, inflammation, and immunosuppression. *MOL THER*. 2024 Apr 05 WB ; Mouse . 38582961
- [IF=10.684] Chen Zhang. et al. The novel hyaluronic acid granular hydrogel attenuates osteoarthritis progression by inhibiting the TLR-2/NF- κ B signaling pathway through suppressing cellular senescence. *BIOENG TRANSL MED*. 2022 Dec;;e10475 WB ; Mouse . 10.1002/btm2.10475
- [IF=9.995] Jian Fu. et al. GABA regulates IL-1 β production in macrophages. *CELL REP*. 2022 Dec;41:111770 WB ; Mouse . 36476877