bs-3191R **[Primary Antibody]**

phospho-IKB beta (Ser23) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4793 **SWISS:** Q15653

Target: IKB beta (Ser23)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human NFKBIB around the phosphorylation site of Ser23: LG(p-S)LG.

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 protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2011].

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

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

Predicted MW.: 39 kDa

Subcellular Location: Cytoplasm ,Nucleus

SELECTED CITATIONS

- **[IF=7.59]** Muzhe Li. et al. STS load PCL- MECM based hydrogel hybrid scaffold promote meniscal regeneration via modulating macrophage phenotype polarization. BIOMATER SCI-UK. 2023 Jan;: WB ;Rabbit. 10.1039/D2BM00526C
- **[IF=4.493]** Chen Xiu-min. et al. Chinese Herbal Formula Huayu-Qiangshen-Tongbi Decoction Attenuates Rheumatoid Arthritis through Upregulating miR-125b to Suppress NF-κB-Induced Inflammation by Targeting CK2. J IMMUNOL RES. 2022;2022:2836128 WB ;Human. 35832651
- **[IF=3.076]** Sogorkova,et al.Optimization of cell growth on palmitoyl-hyaluronan knitted scaffolds developed for tissue engineering applications.(2018) Journal of Biomedical Materials Research. Part A. 106:1488-1499. ICC ;Human. 29377555
- **[IF=1.895]** Lin,et al.The CXCL12/CXCR4 axis promotes migration, invasion and EMT in human papillary thyroid carcinoma B-CPAP cells via NF-κB signaling.(2018) Biochemistry and Cell Biology. :. WB ;Human. 29316404