

bs-18128R**[Primary Antibody]****phospho-IKB alpha (Ser32) Rabbit pAb****BioSS**
ANTIBODIES

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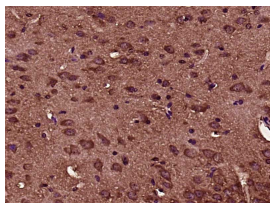
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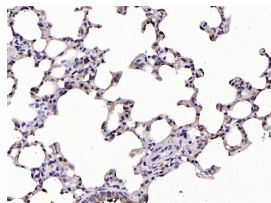
400-901-9800

— DATASHEET —

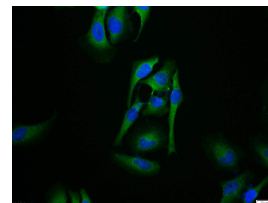
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 4792	SWISS: P25963	IF (1:100-500)
Target: IKB alpha (Ser32)		ICC/IF (1:100)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IKB alpha around the phosphorylation site of Ser32: D(p-S)GL.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow)
Purification: affinity purified by Protein A		Predicted MW.: 36 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,Nucleus
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: This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-IKB alpha (Ser32)) Polyclonal Antibody, Unconjugated (bs-18128R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-IKB alpha (Ser32)) Polyclonal Antibody, Unconjugated (bs-18128R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-IKB alpha (Ser32)) polyclonal Antibody, Unconjugated (bs-18128R) 1:100, 90 minutes at 37°C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes; DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=5.235]** Pu, Luya. et al. Laminar shear stress alleviates monocyte adhesion and atherosclerosis development via miR-29b-3p/CX3CL1 axis regulation. J CELL SCI. 2022 Jul;135(14): WB ;Human. 35735031
- **[IF=5.195]** Xiao Wang. et al. Kallistatin attenuates inflammatory response in rheumatoid arthritis via the NF-κB signaling pathway. EUR J PHARMACOL. 2023 Jan;175530 WB ;Mouse. 36690053
- **[IF=3.776]** Yang Yang. et al. The NF-κB pathway plays a vital role in rat salivary gland atrophy model. HELIYON. 2023 Mar; 9(3): e14288 WB ;Rat. 36950625

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=3.845]** Peng LY et al. Protective Effect of Piceatannol Against Acute Lung Injury Through Protecting the Integrity of Air-Blood Barrier and Modulating the TLR4/NF-κB Signaling Pathway Activation. *Front Pharmacol.* 2020 Jan 22;10:1613. WB ;Mouse. 32038265
- **[IF=3.1]** Meng Yan. et al. Diammonium Glycyrrhizinate Inhibited Inflammatory Response and Modulated Serum Metabolism in Poly(I:C)-induced Pneumonia Model Mice. *SHOCK.* 2024 Mar;;10.1097/SHK.0000000000002353 WB ;Mouse. 38526139