

bs-2513R**[Primary Antibody]****phospho-IKB alpha (Ser32 + Ser36) Rabbit pAb****Bioss**
ANTIBODIES

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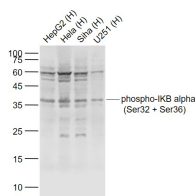
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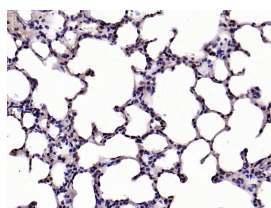
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— DATASHEET —

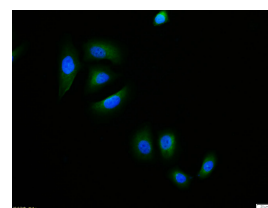
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|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| GeneID: 4792 | SWISS: P25963 | IHC-F (1:100-500) |
| Target: IKB alpha (Ser32 + Ser36) | | IF (1:100-500) |
| Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IKB alpha around the phosphorylation site of Ser32/36: HD(p-S)GLD(p-S)M. | | ICC/IF (1:100) |
| Purification: affinity purified by Protein A | | Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog) |
| Concentration: 1mg/ml | | Predicted MW.: 35 kDa |
| 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. | | Subcellular Location: Cytoplasm ,Nucleus |
| 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 —

Sample: Lane 1: HepG2 (Human) Cell Lysate at 30 ug
Lane 2: Hela (Human) Cell Lysate at 30 ug
Lane 3: SiHa (Human) Cell Lysate at 30 ug
Lane 4: U251 (Human) Cell Lysate at 30 ug
Primary: Anti-phospho-IKB alpha (Ser32 + Ser36) (bs-2513R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kD
Observed band size: 37 kD



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 + Ser36)) Polyclonal Antibody, Unconjugated (bs-2513R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



HepG2 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 + Ser36)) polyclonal Antibody, Unconjugated (bs-2513R) 1:100, 90 minutes at 37°C; followed by a 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=13.3]** Xianmei Piao. et al.(+)-Syringaresinol Ameliorate Lipopolysaccharide-Induced Acute Lung Injury by Targeting Md2.CHEMICAL ENGINEERING JOURNAL.2025 Jan ;Mouse.
- **[IF=12.2]** Zi-Yan Hu. et al. AHR activation relieves deoxynivalenol-induced disruption of porcine intestinal epithelial barrier functions. J HAZARD MATER. 2024 Dec;480:136095 WB ;Porcine. 39395393
- **[IF=10.753]** Ya-Nan Gao. et al. Aflatoxin M1 and ochratoxin A induce a competitive endogenous RNA regulatory network of intestinal immunosuppression by whole-transcriptome analysis. SCI TOTAL ENVIRON. 2022 Sep;;158777 WB

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

;Human. 36115400

- **[IF=10.383]** Zhen Xu. et al. Green Biosynthesis of Silver Nanoparticles Using Aqueous Extracts of Ageratum Conyzoides and Their Anti-Inflammatory Effects. ACS APPL MATER INTER. 2023;XXXX(XXX):XXX-XXX WB ;Mouse,Human. 36881383
- **[IF=8.9]** Xin-Ran Ge. et al. Phthalate drives splenic inflammatory response via activating HSP60/TLR4/NLRP3 signaling axis-dependent pyroptosis. ENVIRON POLLUT. 2024 Apr;346:123610 WB ;Mouse. 38382728