

bs-3236R**[Primary Antibody]****Bioss**
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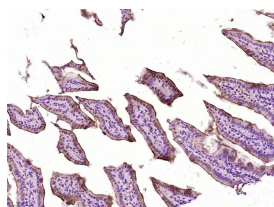
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**Phospho-IKK alpha (Ser180) + IKK beta (Ser181)
Rabbit pAb****— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 1147 Target: Phospho-IKK alpha (Ser180) + IKK beta (Ser181) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IKK alpha/IKK beta around the phosphorylation site of Ser180/Ser181: CT(p-S)FV. 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: Nuclear factor kappa B (NFkB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NFkB mediates the expression of a great variety of genes in response to extracellular stimuli including IL1, TNF alpha, and bacterial product LPS. NFkB is associated with Ikb proteins in the cell cytoplasm, which inhibit NFkB activity. IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKK alpha and IKK beta). IKK alpha and IKK beta interact with each other and both are essential for NFkB activation. IKK alpha specifically phosphorylates Ikbα. IKKα is expressed in variety of human tissues.	Isotype: IgG SWISS: O15111 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test) ICC/IF (1:100) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 85/87 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse small intestine); 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-IKK alpha(Ser180) + IKK beta(Ser181)) Polyclonal Antibody, Unconjugated (bs-3236R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.47]** Luo, Cheng, et al. "Kaempferol alleviates insulin resistance via hepatic IKK/NF-κB signal in type 2 diabetic rats." International Immunopharmacology 28.1 (2015): 744-750. WB ;="Rat". 26263168
- **[IF=2.08]** Fu, Juanli, et al. "Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/IκB/NF-κB signaling." Environmental Toxicology and Pharmacology (2016). WB ;="Rat".

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

