

## IKK Alpha + IKK beta Rabbit pAb

Catalog Number: bs-10123R

Target Protein: IKK Alpha + IKK beta

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

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

Predicted MW: 83 kDa

Entrez Gene: 1147

Swiss Prot: O15111

Source: KLH conjugated synthetic peptide derived from human IKK Alpha/IKK beta: 151-250/756.

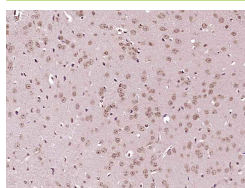
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

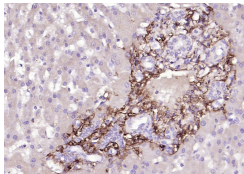
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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 IkbBa. IKKa is expressed in variety of human tissues.

### 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 (IKK Alpha + IKK beta) Polyclonal Antibody, Unconjugated (bs-10123R) 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 (human liver); 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 (IKK Alpha + IKK beta) Polyclonal Antibody, Unconjugated (bs-10123R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

---

[IF=7.561] Qihong Zhang. et al. ACSL1 Inhibits ALV-J Replication by IFN- I Signaling and PI3K/Akt Pathway. Front Immunol. 2021; 12: 774323 WB ; Chicken . 34777393

[IF=7.9] Kuangyang Yang. et al. Identification of Andrographolide as a novel FABP4 inhibitor for osteoarthritis treatment. PHYTOMEDICINE. 2023 Sep;118:154939 WB ; Human . 37354697

[IF=8.2] Qinbing Xue. et al. Structural characterization and immune-enhancing effects of a novel polysaccharide extracted from Sargassum fusiforme. INT J BIOL MACROMOL. 2024 May;:132497 WB ; Mouse . 38763236

[IF=5.955] Weiqi Meng. et al. ZhenQi FuZheng formula inhibits the growth of colorectal tumors by modulating intestinal microflora-mediated immune function. AGING-US. 2022 Jun 15; 14(11): 4769–4785 WB ; Mouse . 35680568

[IF=6.1] Peiyi Wang. et al. Phenolics from Dendrobium officinale Leaf Ameliorate Dextran Sulfate Sodium-Induced Chronic Colitis by Regulating Gut Microbiota and Intestinal Barrier. J AGR FOOD CHEM. 2023;XXXX(XXX):XXX-XXX WB ; Mouse . 37883687