

bs-22575R**[Primary Antibody]****IKK gamma Rabbit pAb****BioSS**
ANTIBODIES

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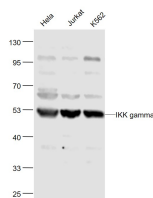
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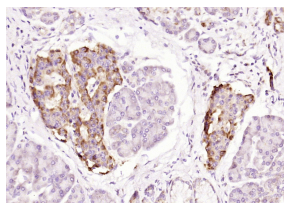
400-901-9800

— DATASHEET —

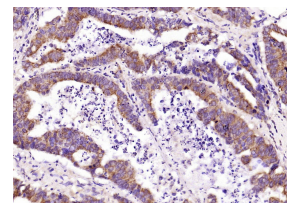
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8517	SWISS: Q9Y6K9	IHC-F (1:100-500)
Target: IKK gamma		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human IKK gamma: 301-400/419.		Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 46 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: Pro inflammatory cytokines activate the transcription factor NF kappa B by stimulating the activity of a protein kinase that phosphorylates Ikappa B, an inhibitor of NF kappa B, at sites that trigger its ubiquitination and degradation. A large, cytokine responsive Ikappa B kinase (IKK) complex has been purified and the genes encoding 2 of its subunits have been cloned. These subunits, IKK alpha and Ikk beta, are protein kinases whose function is needed for NF kappa B activation by pro inflammatory stimuli. IKK is composed of similar amounts of IKK alpha, Ikk beta, which are differentially processed forms of a third subunit, IKK gamma. IKK gamma interacts preferentially with IKK beta and is required for the activation of the IKK complex.		

— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
 Jurkat(Human) Cell Lysate at 30 ug
 K562(Human) Cell Lysate at 30 ug
 Primary: Anti-IKK gamma (bs-22575R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 50 kD
 Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); 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 gamma) Polyclonal Antibody, Unconjugated (bs-22575R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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 gamma) Polyclonal Antibody, Unconjugated (bs-22575R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=8.2]** Jian Jin. et al. METTL3 enhances E. coli F18 resistance by targeting IKBKG/NF-κB signaling via an m6A-YTHDF1-dependent manner in IPEC-J2 cells. INT J BIOL MACROMOL. 2024 Mar;262:130101 WB ;Porcine. 38346619