

**bs-8583R****[ Primary Antibody ]****phospho-IKKi (Ser172) Rabbit pAb****BioSS**  
**ANTIBODIES**

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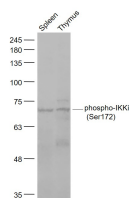
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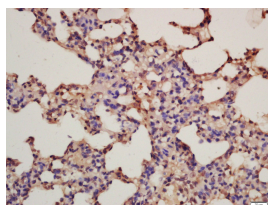
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 9641	<b>SWISS:</b> Q14164	<b>IHC-F</b> (1:100-500)
<b>Target:</b> IKKi (Ser172)		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human IKKi/IKKe around the phosphorylation site of Ser172: FV(p-S)VY.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 80 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Storage:</b> 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.		
<b>Background:</b> This member of the Ser/Thr protein kinase family (IkappaB kinase subfamily) phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. It is highly expressed in spleen followed by thymus, peripheral blood leukocytes, pancreas, placenta, and may play a special role in the immune response; it is weakly expressed in lung, kidney, prostate, ovary and colon. IKKi/IKKe is also overexpressed in breast cancers.		

**— VALIDATION IMAGES —**

Sample: Spleen (Mouse) Lysate at 40 ug Thymus (Mouse) Lysate at 40 ug  
 Primary: Anti- phospho-IKKi (Ser172) (bs-8583R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 80 kD  
 Observed band size: 71 kD



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-IKKi(Ser172) Polyclonal Antibody, Unconjugated(bs-8583R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=6.1]** Dongxue Song. et al. Purple Sweet Potato Polysaccharide Exerting an Anti-inflammatory Effect via a TLR-Mediated Pathway by Regulating Polarization and Inhibiting the Inflammasome Activation. J AGR FOOD CHEM. 2024;XXXX(XXX):XXX-XXX WB ;Mouse. 38233194
- **[IF=5.1]** Lv Yifei. et al. Low-Shear Stress Promotes Atherosclerosis via Inducing Endothelial Cell Pyroptosis Mediated by IKKe/STAT1/NLRP3 Pathway. INFLAMMATION. 2024 Feb;:1-14 IF ;Mouse. 38315275