

**bs-55209R****[ Primary Antibody ]****STK4 Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

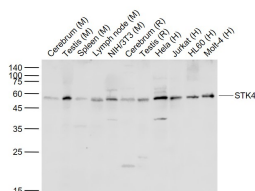
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 6789 <b>Target:</b> STK4 <b>Immunogen:</b> Recombinant human STK4: 303-487/487. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C. <b>Background:</b> The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process. [provided by RefSeq, Jul 2008]	<b>Isotype:</b> IgG  <b>SWISS:</b> Q13043	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 56 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
--	---	---

**— VALIDATION IMAGES —**

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug  
Lane 2: Testis (Mouse) Lysate at 40 ug  
Lane 3: Spleen (Mouse) Lysate at 40 ug  
Lane 4: Lymph node (Mouse) Lysate at 40 ug  
Lane 5: NIH/3T3 (Mouse) Cell Lysate at 30 ug  
Lane 6: Cerebrum (Rat) Lysate at 40 ug  
Lane 7: Testis (Rat) Lysate at 40 ug  
Lane 8: HeLa (Human) Cell Lysate at 30 ug  
Lane 9: Jurkat (Human) Cell Lysate at 30 ug  
Lane 10: HL60 (Human) Cell Lysate at 30 ug  
Lane 11: Molt-4 (Human) Cell Lysate at 30 ug  
Primary: Anti-STK4 (bs-55209R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 60 kD  
Observed band size: 58 kD