

**bs-6257R****[ Primary Antibody ]****STK38 Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

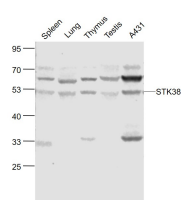
sales@bioss.com.cn

techsupport@bioss.com.cn

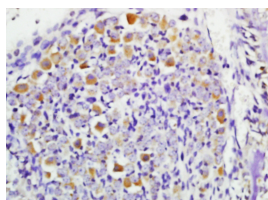
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>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> 11329	<b>SWISS:</b> Q15208	<b>IHC-F</b> (1:100-500)
<b>Target:</b> STK38		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human STK38: 31-130/465.		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Pig, Cow, Chicken, Dog, GuineaPig, Horse)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 51 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> STK38 belongs to the NDR family of serine/threonine protein kinases. NDR kinases require the phosphorylation of conserved Ser/Thr residues for activation. NDR family members have two unique stretches of primary sequence: an N-terminal regulatory (NTR) domain and an insert of several residues between subdomains VII and VIII of the kinase domain. The kinase domain insert functions as an auto-inhibitory sequence (AIS), while binding of the co-activator MOB (Mps-one binder) proteins to the NTR domain releases NDR kinases from inhibition of autophosphorylation. STK38 negatively regulates the activation of MEKK1/2 by direct interaction with the catalytic domain of MEKK1/2. The negative regulation of MEKK1/2 is not due to its phosphorylation by STK38.		

**— VALIDATION IMAGES —**

Sample: Spleen (Mouse) Lysate at 40 ug Lung (Mouse) Lysate at 40 ug Thymus (Mouse) Lysate at 40 ug Testis (Mouse) Lysate at 40 ug A431(Human) Cell Lysate at 30 ug Primary: Anti-STK38 (bs-6257R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



Tissue/cell: mouse embryo 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-STK38 Polyclonal Antibody, Unconjugated(bs-6257R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining