

**bs-19732R****[ Primary Antibody ]****RASA4 Rabbit pAb****BioSS**  
**ANTIBODIES**

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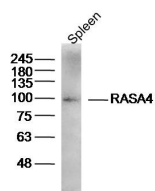
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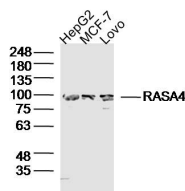
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse
<b>GeneID:</b> 10156	<b>SWISS:</b> Q43374	
<b>Target:</b> RASA4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human RASA4: 501-600/803.		<b>Predicted MW.:</b> 90 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cytoplasm
<b>Concentration:</b> 1mg/ml		
<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 gene encodes a member of the GAP1 family of GTPase-activating proteins that suppresses the Ras/mitogen-activated protein kinase pathway in response to Ca(2+). Stimuli that increase intracellular Ca(2+) levels result in the translocation of this protein to the plasma membrane, where it activates Ras GTPase activity. Consequently, Ras is converted from the active GTP-bound state to the inactive GDP-bound state and no longer activates downstream pathways that regulate gene expression, cell growth, and differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Spleen (Mouse) Lysate at 40 ug  
Primary: Anti-RASA4(bs-19732R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 90kD  
Observed band size: 90kD



Sample: HepG2 Cell (Human) Lysate at 40 ug  
MCF-7 Cell (Human) Lysate at 40 ug  
Lovo Cell (Human) Lysate at 40 ug  
Primary: Anti-RASA4(bs-19732R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 90kD  
Observed band size: 90kD