

**bs-3465R****[ Primary Antibody ]****phospho-VASP (Ser157) Rabbit pAb****Bioss**  
**ANTIBODIES**

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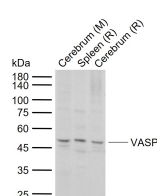
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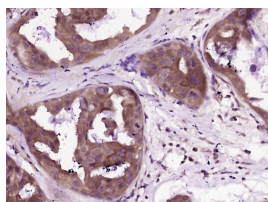
400-901-9800

**— 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> 7408	<b>SWISS:</b> P50552	<b>IHC-F</b> (1:100-500)
<b>Target:</b> VASP (Ser157)		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human VASP around the phosphorylation site of Ser157: RV(p-S)NA.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Dog)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 40 kDa
<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>Subcellular Location:</b> Cytoplasm
<b>Background:</b> Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family. Ena-VASP family members contain an EHV1 N-terminal domain that binds proteins containing E/DFPPPPXD/E motifs and targets Ena-VASP proteins to focal adhesions. In the mid-region of the protein, family members have a proline-rich domain that binds SH3 and WW domain-containing proteins. Their C-terminal EVH2 domain mediates tetramerization and binds both G and F actin. VASP is associated with filamentous actin formation and likely plays a widespread role in cell adhesion and motility. VASP may also be involved in the intracellular signaling pathways that regulate integrin-extracellular matrix interactions. VASP is regulated by the cyclic nucleotide-dependent kinases PKA and PKG. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Cerebrum tissue lysates  
 Lane 2: Rat Spleen tissue lysates Lane 3: Rat Cerebrum tissue lysates  
 Primary: Anti-Phospho-VASP (Ser157) (bs-3465R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 40 kDa  
 Observed band size: 50 kDa



Paraformaldehyde-fixed, paraffin embedded (human breast 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 (VASP(Ser157)) Polyclonal Antibody, Unconjugated (bs-3465R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.