

**bs-13681R****[ Primary Antibody ]****WASP Rabbit pAb****BioSS**  
**ANTIBODIES**

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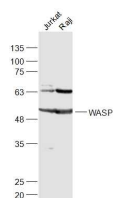
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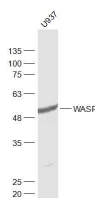
400-901-9800

**— DATASHEET —**

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|---|---|
| <b>Host:</b> Rabbit<br><b>Clonality:</b> Polyclonal<br><b>GeneID:</b> 7454<br><b>Target:</b> WASP<br><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human WASP: 101-200/502.<br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> The Wiskott-Aldrich syndrome (WAS) is a disorder that results from a monogenic defect that has been mapped to the short arm of the X chromosome. WAS is characterized by thrombocytopenia, eczema, defects in cell-mediated and humoral immunity and a propensity for lymphoproliferative disease. The gene that is mutated in the syndrome encodes a proline-rich protein of unknown function designated WAS protein (WASP). A clue to WASP function came from the observation that T cells from affected males had an irregular cellular morphology and a disarrayed cytoskeleton suggesting the involvement of WASP in cytoskeletal organization. Close examination of the WASP sequence revealed a putative Cdc42/Rac interacting domain, homologous with those found in PAK65 and ACK. Subsequent investigation has shown WASP to be a true downstream effector of Cdc42. | <b>Isotype:</b> IgG<br><b>SWISS:</b> P42768<br><b>Applications:</b> WB (1:500-2000)<br><b>Reactivity:</b> Human, Mouse<br>(predicted: Rat, Rabbit, Cow)<br><b>Predicted MW.:</b> 53 kDa<br><b>Subcellular Location:</b> Cytoplasm |
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**— VALIDATION IMAGES —**

Sample: Jurkat(Human) Cell Lysate at 30 ug  
Raji(Human) Cell Lysate at 30 ug Primary: Anti-WASP (bs-13681R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Sample: U937(Human) Cell Lysate at 30 ug  
Primary: Anti-WASP (bs-13681R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD