

**bs-3478R****[ Primary Antibody ]****phospho-ZAP70 (Tyr315 + Tyr319) Rabbit pAb****BioSS**  
ANTIBODIES

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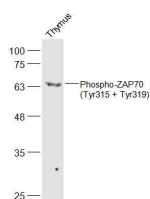
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse (predicted: Rabbit, Pig, Cow, Chicken, Dog, GuineaPig, Horse)
<b>GeneID:</b> 7535	<b>SWISS:</b> P43403	<b>Predicted MW.:</b> 68 kDa
<b>Target:</b> ZAP70 (Tyr315 + Tyr319)		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human Zap-70 around the phosphorylation site of Tyr315/Tyr319: SV(p-Y)ESP(p-Y)SD.		
<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. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

Sample: Thymus (Mouse) Lysate at 40 ug  
Primary: Anti-Phospho-ZAP70 (Tyr315 + Tyr319)  
(bs-3478R) at 1/500 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
dilution Predicted band size: 68 kD Observed  
band size: 68 kD