

bs-6879R**[Primary Antibody]****phospho-GATA4 (Ser262) Rabbit pAb****BioSS**
ANTIBODIES

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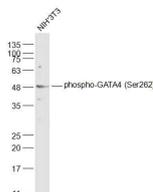
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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 2626</p> <p>Target: phospho-GATA4 (Ser262)</p> <p>Immunogen: KLH conjugated synthesised phosphopeptide derived from human GATA4 around the phosphorylation site of Ser262: RL(p-S)AS.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>Storage: 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.</p> <p>Background: GATA4 is a 46 kDa member of the GATA family of zinc finger containing transcription factors that is involved in the development of cardiac hypertrophy and remodeling, and plays a critical role in regulating basal and agonist or stress induced gene expression in cardiac and smooth muscle cell types. GATA4 contains a conserved MAPK phosphorylation site at serine 105 within the transcriptional activation domain. Serine 105 of GATA4 is phosphorylated in response to agonist stimulation through MEK 1 ERK1 / 2, and weakly through JNK or p38 MAPKs.</p>	<p>Isotype: IgG</p> <p>SWISS: P43694</p> <p>Applications: WB (1:500-2000)</p> <p>Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog)</p> <p>Predicted MW.: 49 kDa</p> <p>Subcellular Location: Nucleus</p>
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— VALIDATION IMAGES —

Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug
 Primary: Anti-phospho-GATA4 (Ser262)
 (bs-6879R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 49 kD Observed
 band size: 49 kD