

**bs-16682R****[ Primary Antibody ]****phospho-GRK2 (Ser670) Rabbit pAb**

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**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 156</p> <p><b>Target:</b> phospho-GRK2 (Ser670)</p> <p><b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human GRK2 around the phosphorylation site of Ser670: PR(p-S)PV.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><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.</p> <p><b>Background:</b> The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart. [provided by RefSeq].</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> P25098</p>	<p><b>Applications:</b> <b>ELISA</b> (1:5000-10000)</p> <p><b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse)</p> <p><b>Predicted MW.:</b> 76 kDa</p> <p><b>Subcellular Location:</b> Cell membrane</p>
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