

bs-5373R**[Primary Antibody]****phospho-GIT1 (Tyr545) Rabbit pAb**

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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 28964</p> <p>Target: GIT1 (Tyr545)</p> <p>Immunogen: KLH conjugated Synthesised phosphopeptide derived from human GIT1 around the phosphorylation site of Tyr545: Al(p-Y)SV.</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: Heterotrimeric G protein-mediated signal transduction is a dynamically regulated process with the intensity of signal decreasing over time despite the continued presence of the agonist (1,2). G protein-coupled receptor kinases (GRKs) are activated by activated G protein-coupled receptors, and they function to phosphorylate and inactivate cell surface receptors in the heterotrimeric G protein signaling cascade (3,4). GIT1 (for GRK-interactor 1) and GIT2 are GTPase-activating proteins (GAP) for members of the ADP ribosylation factor (ARF) family of small GTP-binding proteins, which are involved in vesicular trafficking (5,6). GIT1 overexpression results in reduced internalization and resensitization of b2-adrenergic receptor, thus reducing b2-adrenergic receptor signaling (5).</p>	<p>Isotype: IgG</p> <p>SWISS: Q9Y2X7</p> <p>Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)</p> <p>Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow)</p> <p>Predicted MW.: 84 kDa</p> <p>Subcellular Location: Cell membrane ,Cytoplasm</p>
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