

**bs-5175R****[ Primary Antibody ]****phospho-PTPRA (Ser180) Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow, Chicken, Dog)  <b>Predicted MW.:</b> 89 kDa  <b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5786	<b>SWISS:</b> P18433	
<b>Target:</b> PTPRA (Ser180)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human PTPRA around the phosphorylation site of Ser180: SN(p-S)FR.		
<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> Vital cellular functions such as cell proliferation and signal transduction are regulated in part by the balance between the activities of protein tyrosine kinases (PTK) and protein tyrosine phosphatases (PTPs). The protein contains a 121 residue extracellular domain, a single transmembrane segment, and 2 tandem intracytoplasmic catalytic domains. The PTP alpha protein is ubiquitously expressed and may play a fundamental role in the physiology of all cells.		