

**bs-6664R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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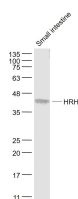
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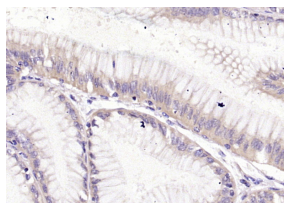
400-901-9800

**HRH2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 3274	<b>SWISS:</b> P25021	<b>IHC-F</b> (1:100-500)
<b>Target:</b> HRH2		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human HRH2: 161-259/359. < Extracellular >		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Dog)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 40 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane
<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> The HRH2 subclass of histamine receptors mediates gastric acid secretion. Also appears to regulate gastrointestinal motility and intestinal secretion. Possible role in regulating cell growth and differentiation. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway.		

**— VALIDATION IMAGES —**

Sample: Small intestine (Mouse) Lysate at 40 ug  
 Primary: Anti- HRH2 (bs-6664R) at 1/1000  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 40 kD Observed band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded  
 (human gastric carcinoma); Antigen retrieval by  
 boiling in sodium citrate buffer (pH6.0) for  
 15min; Block endogenous peroxidase by 3%  
 hydrogen peroxide for 20 minutes; Blocking  
 buffer (normal goat serum) at 37°C for 30min;  
 Antibody incubation with (HRH2) Polyclonal  
 Antibody, Unconjugated (bs-6664R) at 1:400  
 overnight at 4°C, followed by operating  
 according to SP Kit(Rabbit) (sp-0023)  
 instructions and DAB staining.