

bs-0098R**[Primary Antibody]****BioSS**
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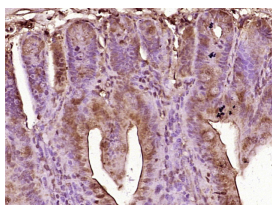
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GIP Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Pig, Cow) Predicted MW.: 5/17 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 2695	SWISS: P09681	
Target: GIP		
Immunogen: KLH conjugated synthetic peptide derived from human GIP: 52-93/153.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: bs-0098P is one synthetic peptide derived from human GIP. GIP (Gastric Inhibitory polypeptide) belongs to the glucagon superfamily. The encoded protein is important in maintaining glucose homeostasis as it is a potent stimulator of insulin secretion from pancreatic beta-cells following food ingestion and nutrient absorption. This gene stimulates insulin secretion via its G protein-coupled receptor activation of adenylyl cyclase and other signal transduction pathways. It is a relatively poor inhibitor of gastric acid secretion. Mature GIP is a highly conserved 42 amino acid polypeptide belonging to the glucagon family. GIP is highly expressed as a pre-pro-protein in the duodenum and the jejunum. The mature secreted polypeptide acts as a potent stimulator of insulin secretion and a poor inhibitor of gastric acid secretion.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse intestine tissue); 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 (GIP) Polyclonal Antibody, Unconjugated (bs-0098R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.