

GIP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250668

Unit: 0.1 mg

Description:

Human gastric inhibitory polypeptide (GIP) is a 42-amino-acid peptide belonging to the glucagon-secretin family of peptide hormones. GIP is secreted by endocrine cells in the duodenal mucosa and stimulates glucose-dependent insulin secretion as well as GLP-1 release from more distal endocrine (L) cells in the intestinal mucosa. GIP shows amino-acid sequence similarities to glucagon, GLP-1 and GLP-2 (from approximately 50% identity for glucagon to 30% identity for GLP-2).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

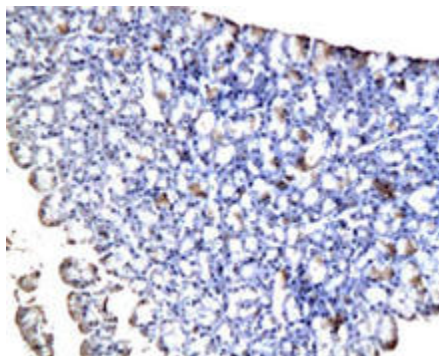
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Gastric inhibitory polypeptide; GIP; glucose-dependent insulinotropic polypeptide

Accession No.: P09681

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GIP.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



GIP staining in rat pancreas. Paraffin-embedded rat pancreas is stained with GIP Antibody (Cat. No. 250668) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Nagatake T et al. 2014. PLoS One. 9(3):e90638. PMID# 24603700. [2] Chang CL. et al. 2011. Genome Research. 21: 21-32. PMID# 20978139.

For research use only, not for diagnostic or therapeutic procedures.