For Research Use Only

GIP Polyclonal antibody

Catalog Number:18034-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
18034-1-AP

Size:
150ul , Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12634

GenBank Accession Number:
BC069663

GeneID (NCBI):
2695

Full Name:
gastric inhibitory polypeptide

Calculated MW:
153 aa, 17 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:50-1:500

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human pancreas tissue, rat pancreas tissue, mouse pancreas tissue, human small intestine tissue

Background Information

GIP is an incretin hormone and belongs to the glucagon superfamily. GIP 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.GIP 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.

Storage

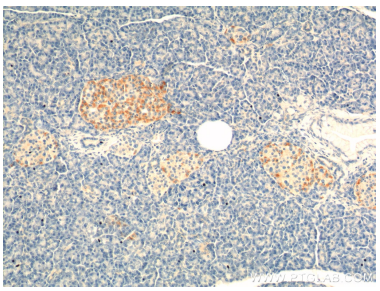
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

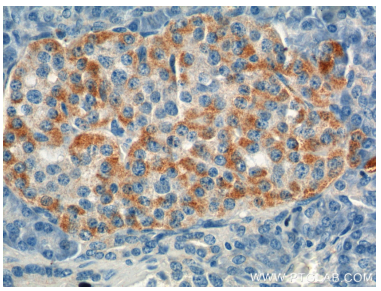
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 18034-1-AP (GIP Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 18034-1-AP (GIP Antibody) at dilution of 1:200 (under 40x lens).