

For Research Use Only

# GIP Polyclonal antibody

Catalog Number:18034-1-AP



## Basic Information

<b>Catalog Number:</b> 18034-1-AP	<b>GenBank Accession Number:</b> BC069663	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2695	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09681	
<b>Isotype:</b> IgG	<b>Full Name:</b> gastric inhibitory polypeptide	
<b>Immunogen Catalog Number:</b> AG12634	<b>Calculated MW:</b> 153 aa, 17 kDa	

## 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

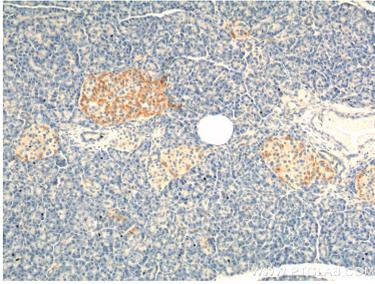
For technical support and original validation data for this product please contact:

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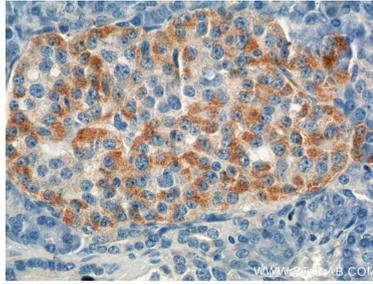
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## Selected Validation Data



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).