

Datasheet for ABIN6570298
anti-GIP antibody

3 Images



[Go to Product page](#)

Overview

| | |
|--------------|---|
| Quantity: | 200 µL |
| Target: | GIP |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GIP antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|---------------|--|
| Immunogen: | Recombinant fusion protein of human GIP (NP_004114.1). |
| Isotype: | IgG |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | GIP |
| Alternative Name: | GIP (GIP Products) |
| Background: | This gene encodes an incretin hormone and 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. |

Target Details

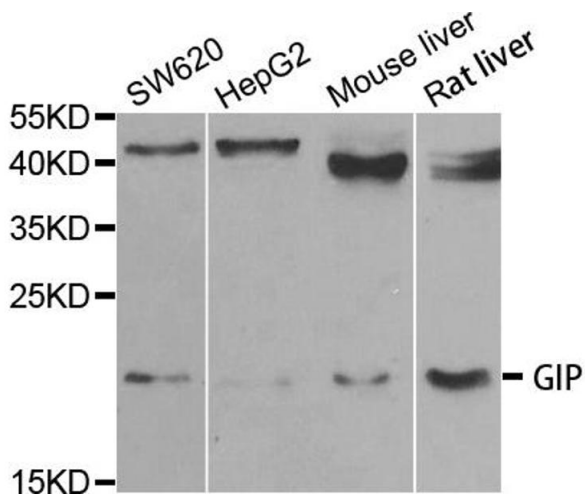
| | |
|-------------------|---|
| Molecular Weight: | Observed_MW: 17kDa Calculated_MW: 17kDa |
| Gene ID: | 2695 |
| UniProt: | P09681 |
| Pathways: | Positive Regulation of Peptide Hormone Secretion , Peptide Hormone Metabolism , Hormone Activity , Regulation of Lipid Metabolism by PPARalpha , Lipid Metabolism |

Application Details

| | |
|--------------------|------------------------------|
| Application Notes: | IHC 1:50-1:200 IF 1:50-1:200 |
| Restrictions: | For Research Use only |

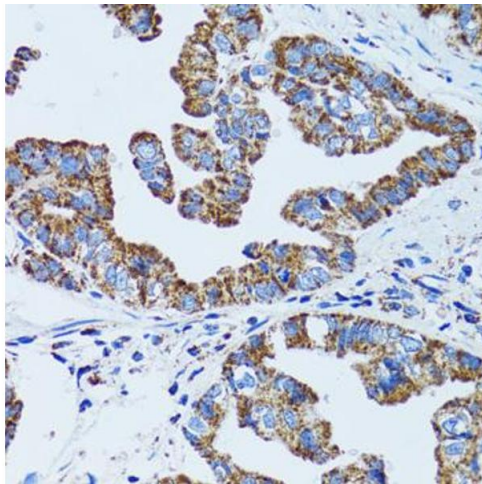
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



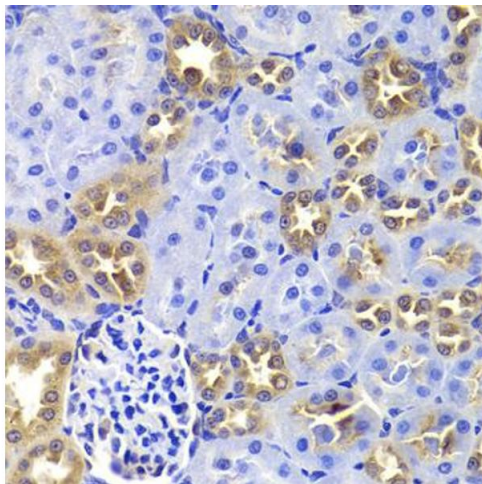
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GIP antibody.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human gastric cancer using GIP antibody.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using GIP antibody.