

**Product:** Anti-GIP (Gastrin Inhibitory Peptide)  
**Catalog #:** 03-16025  
**Amount:** 100 ml

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**CATEGORY:** Rabbit polyclonal  
**IMMUNOGEN:** Pure Porcine GIP  
**FORM:** Serum containing 0.09% sodium azide  
**DESCRIPTION/SPECIFICITY:** GIP occurs in endocrine cells in the small intestine. GIP is released upon feeding, particularly after carbohydrate-rich food, and is known to sensitize the insulin cells to rise in blood sugar and is thus involved in the insular axis. GIP also inhibits gastric acid secretion.  
Absorption with 10 – 100 µg immunogen per ml diluted antiserum abolishes the staining, while CCK 39, VIP and secretion do not.  
Frozen sections of pig small intestine.  
**POSITIVE CONTROL:**  
**SPECIES TESTED SO FAR:** Pig  
**APPLICATION (tested so far):**  
- Immunofluorescence  
- Immunohistochemistry, suitable for paraffin and frozen sections.  
**WORKING DILUTION:**  
1:10-1:25 (PAP)  
1:5 - 1:15 using immunofluorescence microscopy (FITC) with overnight incubation at 2-8°C  
**DILUTION BUFFER:** 0.1 M PBS containing 1% BSA and 0.1% NaN<sub>3</sub>.  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCES:**  
Portela-Gomes G. et al. (1997) J. Histochem. & Cytochem. **45**: 815-822

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