



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4053

### Rabbit anti Gastric Inhibitory Polypeptide (GIP) (human) [UniProt: P09681]

Gastric Inhibitory Polypeptide (GIP) is a 42-amino acid peptide released by the K cells of the duodenum and jejunum in response to food intake. GIP, together with GLP (Gastric-like Peptide) are members of the hormone peptide family of Incretins which stimulate insulin secretion from pancreatic islet  $\beta$ -cells, and also appears to promote beta cell proliferation and beta cell survival. Recent studies suggest that GIP plays a role in lipid homeostasis and possibly in the pathogenesis of obesity.

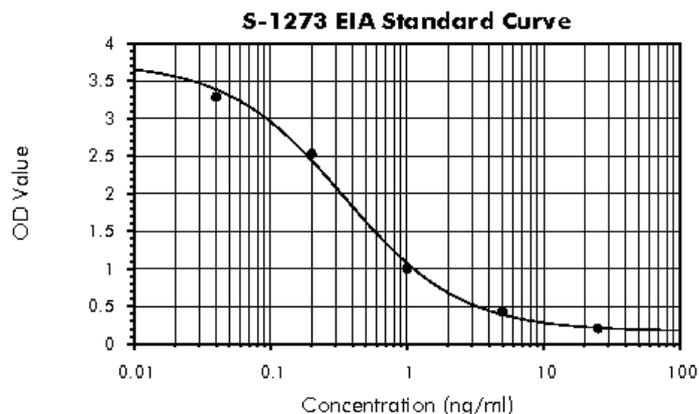
This antibody was generated by immunization of rabbits with Gastric Inhibitory Polypeptide coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A07384
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50 $\mu$ l
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 $\mu$ l distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4 <sup>o</sup> - 8 <sup>o</sup> C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 <sup>o</sup> C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Gastric Inhibitory Polypeptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Tyr-Ala-Glu-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-Gln-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-Gly-Lys-Lys-Asn-Asp-Trp-Lys-His-Asn-Ile-Thr-Gln-OH coupled to carrier protein.

Typical titration curve of Gastric Inhibitory Polypeptide in a competitive ELISA with this antibody:



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Related Products:    T-4110: anti Gastric Inhibitory Polypeptide (hu) purified IgG  
                          S-1273: ELISA, extraction-free for human samples  
                          T-4340: anti Gastric Inhibitory Polypeptide (po) neat antiserum

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This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4053

neat serum

1.3.2021