BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Gastric Inhibitory Polypeptide (GIP)

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 β-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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4340 (Lot A03302)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	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.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against GIP. Other applications like FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:
Frozen sections: not tested yet.
Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

T-4110: anti Gastric Inhibitory Polypeptide (hu) purified IgG
S-1273: ELISA, extraction-free for human samples
T-4053: anti Gastric Inhibitory Polypeptide (hu) neat antiserum

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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