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Product datasheet for TA363912

GIP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Gastrin Inhibitory Polypeptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
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.
Formulation:	Each vial contains enough antiserum for 500 RIA tubes. The powder should be rehydrated with 50ml RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN3, and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	gastric inhibitory polypeptide
Database Link:	Entrez Gene 2695 Human P09681
Background:	Gastrin Inhibitory Polypeptide is a 42-amino acid peptide released by the K cells of the duodenum and jejunum in response to food intake. Together with 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 Gastrin Inhibitory Polypeptide plays a role in lipid homeostasis and possibly in the pathogenesis of obesity. This antibody was generated by immunization of rabbits with Gastrin Inhibitory Polypeptide coupled to a carrier protein.

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Synonyms: GIP