

## Product datasheet for **TA363952**

### GIP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	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.
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:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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:	<a href="#">Entrez Gene 2695 Human P09681</a>
Background:	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.
Synonyms:	GIP



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