

Product datasheet for **TA364306**

GLP1 (GCG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Oxyntomodulin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys- Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn- Thr-Lys-Arg-Asn-Arg-Asn-Asn-Ile-Ala-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% NaN ₃ , 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:	glucagon
Database Link:	Entrez Gene 2641 Human P01275
Background:	Oxyntomodulin (OXM) a 37-amino acid peptide hormone found in the colon, produced by the oxyntic cells of the oxyntic mucosa. It is known to suppress appetite and causes weight loss in humans and rodents. Oxyntomodulin activates both the glucagon-like peptide-1 receptor (GLP1R) and the glucagon receptor (GCGR). It contains the same sequence as Glucagon (1-29), but with an additional KRNKNNIA C-terminal sequence. This antibody was generated by immunization of rabbits with Oxyntomodulin coupled to a carrier protein.
Synonyms:	GLP1; GLP2; glucagon; GRPP



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