

## Product datasheet for **TA364116**

### 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 GLP-1 (7- 37). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Bovine, Guinea Pig, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Hys-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser- Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly- Arg-Gly-OH coupled to carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of 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 <sub>3</sub> , and 0.1% Triton X-100. Store at 4° - 8°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:	<a href="#">Entrez Gene 2641 Human P01275</a>
Background:	Glucagon-Like Peptide-1 (GLP-1) (7-37) is an incretin hormone that causes glucose dependent release of insulin by pancreatic beta cells. It derives from the proteolytic cleavage of proglucagon, which gives rise to two biologically active forms, GLP-1 (7- 36) and GLP-1 (7-37). Both play roles in gastric motility on the suppression of plasma glucagon levels and promote the stimulation of glucose disposal in peripheral tissues independent of the actions of insulin. This antibody was generated by immunization of rabbits with GLP-1 (7-37) coupled to a carrier protein.



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**Synonyms:** GLP1; GLP2; glucagon; GRPP