

Product datasheet for **TA364118**

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-2 (1-34). 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-His-Ala-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr- Ile-Leu-Asp-Asn-Leu-Ala-Ala-Arg-Asp-Phe-Ile-Asn-Trp-Leu-Ile-Gln-Thr- Lys-Ile-Thr-Asp-Arg- OH coupled to a 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:	glucagon
Database Link:	Entrez Gene 2641 Human P01275
Background:	Glucagon-like peptide-2 (GLP-2) promotes nutrient absorption via expansion of the mucosal epithelium by stimulation of crypt cell proliferation and inhibition of apoptosis in the small intestine. It also reduces epithelial permeability, and decreases meal- stimulated gastric acid secretion and gastrointestinal motility. GLP-2 promotes the expansion of the intestinal epithelium through stimulation of the GLP-2 receptor, a member of the glucagon-secretin G protein-coupled receptor superfamily. This antibody was generated by immunization of rabbits with GLP-2 (1-34) coupled to a carrier protein.
Synonyms:	GLP1; GLP2; glucagon; GRPP



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