

Product datasheet for **AP05429PU-N**

GLP1 (GCG) (N-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human, Porcine
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Porcine glucagon, amino acids 1-12, conjugated with bTG.
Specificity:	This antibody recognises the pancreatic polypeptide hormone Glucagon, whose actions are antagonistic to insulin. Tumours arising from glucagon producing cells are termed glucagonomas, and this antibody may be useful in identifying such tumours.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glucagon
Database Link:	Entrez Gene 2641 Human P01275



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Background: Glucagon is a hormone that is secreted by alpha cells in the pancreas. Glucagon antagonizes insulin by converting glycogen to glucose in the liver and increasing blood sugar levels. Glucagon-like peptide 1 (GLP1), Glucagon-like peptide 2 (GLP2), VIP (vasoactive intestinal peptide) and PACAP (pituitary adenylate cyclase activating polypeptide) are in the glucagons hormone family. GLP1 is a transmitter in the central nervous system that regulates feeding and drinking behavior. GLP2 stimulates intestinal epithelial growth.

Synonyms: GCG

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein