

Product datasheet for **AP05426PU-N**

GLP1 (GCG) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	R
Recommended Dilution:	Radioimmunoassays.
Reactivity:	Human
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Glucagon amino acids 19-29, prepared by enzymatic cleavage of Porcine glucagon, conjugated with bovine thyroglobulin carrier protein.
Specificity:	This antibody is specific for the C terminal of Glucagon, a linear peptide of 29 amino acids. Its primary sequence is highly conserved among vertebrates.
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin State: Purified State: Liquid purified IgG
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody 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
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.



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Synonyms: GCG

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