



Sheep Anti-Human Glucagon (C-Terminal) Polyclonal Antibody (CPBT-67332SP)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep anti-Human glucagon antibody recognizes the C terminal of Glucagon, a linear peptide of 29 amino acids. Its primary sequence is highly conserved among vertebrates.
Immunogen	Glucagon amino acids 19-29, prepared by enzymatic cleavage of Porcine glucagon, conjugated with bovine thyroglobulin carrier protein.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	RIA
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Phosphate buffered saline
Preservative	0.09% sodium azide
Storage	Store at +4°C or at -20°C if preferred.
Ship	Wet ice

BACKGROUND

Introduction	Glucagon plays a central role in glucose metabolism and homeostasis through increasing glucogenesis and reduction of glycolysis. Glucagon is synthesized by the A cells of the endocrine pancreas. It regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. It is a counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. It plays an important role in initiating and maintaining hyperglycemic conditions in diabetes.
Keywords	GCG;glucagon;proglucagon;GLUCAGON

GENE INFORMATION

Gene Name	GCG
Entrez Gene ID	2641
UniProt ID	P01275