



Anti-GCG (aa 1-12) polyclonal antibody (CPBT-65759GH)

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

PRODUCT INFORMATION

Product Overview	This product recognises the pancreatic polypeptide hormone glucagon, whose actions are antagonistic to insulin. Glucagon is produced by A cells within the Islets of Langerhans in the pancreas. Tumours arising from glucagon producing cells are termed glucagonomas, and this antibody may be useful in identifying such tumours.
Specificity	GLUCAGON
Immunogen	Porcine glucagon, amino acids 1-12, conjugated with bTG.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Pig
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	GCG glucagon [Homo sapiens (human)]
Official Symbol	GCG
Synonyms	GCG; glucagon; GLP1; GLP2; GRPP; preproglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide; GLUCAGON;
Entrez Gene ID	2641
Protein Refseq	NP_002045
UniProt ID	P01275
Chromosome Location	2q36-q37
Pathway	Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; FOXA1 transcription factor network; G alpha (q) signalling events; G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	glucagon receptor binding; hormone activity; identical protein binding; protein binding; receptor binding;