



## 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.

<b>Specificity</b>	GLUCAGON
<b>Immunogen</b>	Porcine glucagon, amino acids 1-12, conjugated with bTG.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human, Pig
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	1 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">GCG glucagon [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GCG
<b>Synonyms</b>	GCG; glucagon; GLP1; GLP2; GRPP; proglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide; GLUCAGON;
<b>Entrez Gene ID</b>	<a href="#">2641</a>
<b>Protein Refseq</b>	<a href="#">NP_002045</a>
<b>UniProt ID</b>	P01275
<b>Chromosome Location</b>	2q36-q37
<b>Pathway</b>	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;
<b>Function</b>	glucagon receptor binding; hormone activity; identical protein binding; protein binding; receptor binding;