

## Product datasheet for **BP5049**

### GLP1 (GCG) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry of Frozen and Paraffin Embedded Sections</b> (No proteolytic treatment required). <b>Working Dilution:</b> 1/50-1/100, dilute immediately before use with PBS (0.15M Phosphate Buffered Saline). <b>Incubation Time:</b> 1 h at room temperature or overnight at 2-8°C. <b>Positive Control:</b> Pancreas.
Reactivity:	Human, Mouse, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Porcine pancreatic Glucagon/BSA
Specificity:	The antibody is specific to pancreatic Glucagon. <b>Antigen Localization:</b> Cytoplasmic.
Formulation:	State: Serum State: Liquid Serum
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:	<a href="#">Entrez Gene 2641 Human P01275</a>



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**Background:**

Glucagon is produced by the alpha-cells of the pancreatic islets. It occurs also in endocrine cells of the gut and in neurons in the brain. Glucagon is a common constituent of endocrine pancreatic tumours and of rectal carcinoids, such tumours may give rise to the so called glucagonoma syndrome. The antigen localization is cytoplasmic. 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