

## Product datasheet for **EUD371**

### GLP1 (GCG) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	<b>Immunohistochemistry on frozen and paraffin sections:</b> 1/2000-1/3000 (PAP); with overnight incubation at 2-8°C. <b>Positive Control:</b> Formalin-fixed paraffin sections of pig pancreas. <b>Immunofluorescence:</b> 1/1000-1/1500.
Reactivity:	Human, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Porcine pancreatic glucagon (Novo, Denmark), conjugated to BSA.
Specificity:	This antibody reacts to Glucagon/Glicentin.
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. 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:**

Glicentin contains the glucagon sequence and is produced in a prominent population of endocrine cells in the distal intestine as well as in pancreatic glucagon cells and in the nerves in the brain. Serum levels of glicentin are elevated after food uptake and in certain clinical conditions, e.g. after resections of the intestine. The functional role of glicentin is largely unknown. Glicentin occurs in endocrine tumors arising in the distal intestine (rectal carcinoids) and in pancreatic islet cell tumors.

**Synonyms:**

GCG