

**Product:** Anti-Glucagon  
**Catalog #:** 03-16032  
**Amount:** 50 ml

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**CATEGORY:** Guinea pig polyclonal  
**IMMUNOGEN:** Highly purified porcine pancreatic glucagon (Novo)  
**FORM:** Serum containing 0.09% sodium azide  
**DESCRIPTION/SPECIFICITY:** 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. The glucagons antibody can be used for the detection of pancreatic endocrine tumors. The antigen localization is cytoplasmic. Absorption with 10 – 100 µl glucagon per ml diluted antiserum abolishes staining.  
**POSITIVE CONTROL:** Bouin-fixed paraffin sections of pancreas.  
**REACTIVE WITH (tested so far):** Human, cat  
**APPLICATION:** - Immunohistochemistry, suitable for frozen and paraffin-embedded sections; no proteolytic treatment required.  
- Immunofluorescence  
**WORKING DILUTION:** 1:100-1:200 (PAP)  
1:20 - 1:40 (FITC)  
**INCUBATION TIME:** Overnight at 2-8°C  
**DILUTION BUFFER:** 0.1 M PBS containing 1% BSA and 0.1% NaN<sub>3</sub>.  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCES:**  
Myrsen-Axcrona U et al. (1997) *Regulatory Peptides* **68**: 165-175

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