GCG Polyclonal Antibody

catalog number: **E-AB-70318**

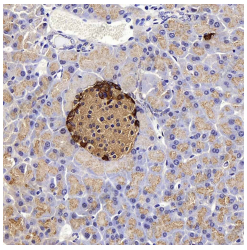
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

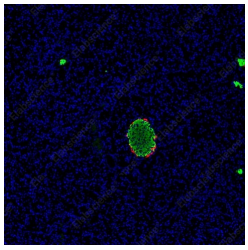
Reactivity	Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Glucagon
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:500-1:1000
IF	1:200-1:500

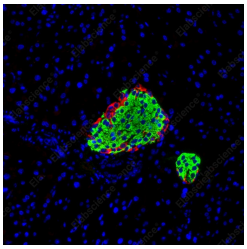
Data



Immunohistochemistry analysis of paraffin-embedded mouse pancreas using GCG Polyclonal Antibody at dilution of 1:300.



Immunofluorescence analysis of paraffin-embedded Rat pancreas using GCG Polyclonal Antibody at dilution of 1:200.Red is labeled with glucagon antibody and green is labeled with insulin antibody.



Immunofluorescence analysis of paraffin-embedded Mouse pancreas using GCG Polyclonal Antibody at dilution of 1:200.Red is labeled with glucagon antibody and green is labeled with insulin antibody.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon.

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