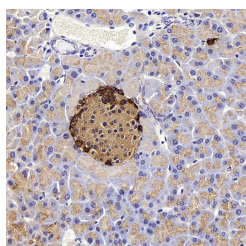


GCG Polyclonal Antibody

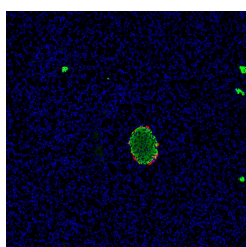
Catalog No.	E-AB-70318	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,IF	Isotype	IgG

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

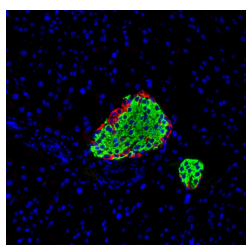
Images



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.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Glucagon
Swissprot	P55095,P06883
Synonyms	GCG, GLP1, GLP2, GRPP, glucagon, Glucagon, GLP-1, GLP

Product Information

Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	IHC 1:500-1:1000, IF 1:200-1:500

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.