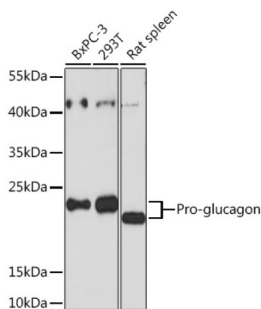
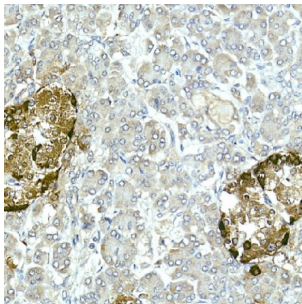


Glucagon (GCG) Antibody

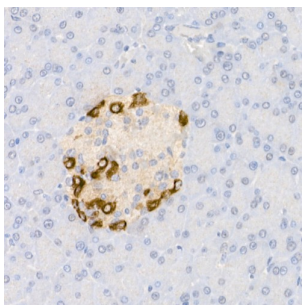
Catalogue No.: abx001034



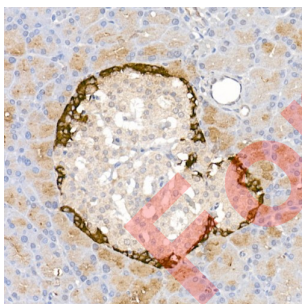
Western blot analysis of extracts of various cell lines using Pro-glucagon Antibody (1/3000 dilution).



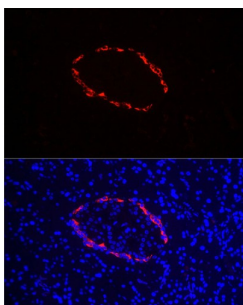
Immunohistochemistry of paraffin-embedded Human islet using Pro-glucagon Antibody (1/50 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse pancreatic islet using Pro-glucagon Antibody (1/50 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



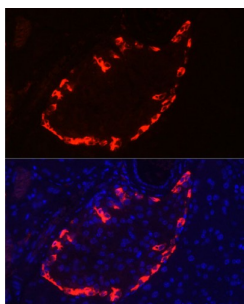
Immunohistochemistry of paraffin-embedded rat pancreatic islet using Pro-glucagon Antibody (1/50 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat pancreas cells using Pro-glucagon Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

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Immunofluorescence analysis of mouse pancreas cells using Pro-glucagon Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining

GCG Antibody is a Rabbit Polyclonal antibody against GCG. 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.

Target:	Glucagon (GCG)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human Pro-glucagon
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01275 (UniProt , ExPASy)
Gene Symbol:	GCG

Datasheet

Version: 4.0.0

Revision date: 26 Oct 2025



GeneID: [2641](#)

NCBI Accession: NP_002045.1

KEGG: hsa:2641

String: [9606.ENSP00000387662](#)

Molecular Weight: Calculated MW: 20 kDa
Observed MW: 21 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only