

Datasheet for ABIN390769
anti-Glucagon antibody (C-Term)



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6 Images

Overview

Quantity:	400 µL
Target:	Glucagon (GCG)
Binding Specificity:	AA 119-148, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucagon antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This Glucagon antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the C-terminal region of human Glucagon.
Clone:	RB19525
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glucagon (GCG)
Alternative Name:	Glucagon (GCG Products)

Target Details

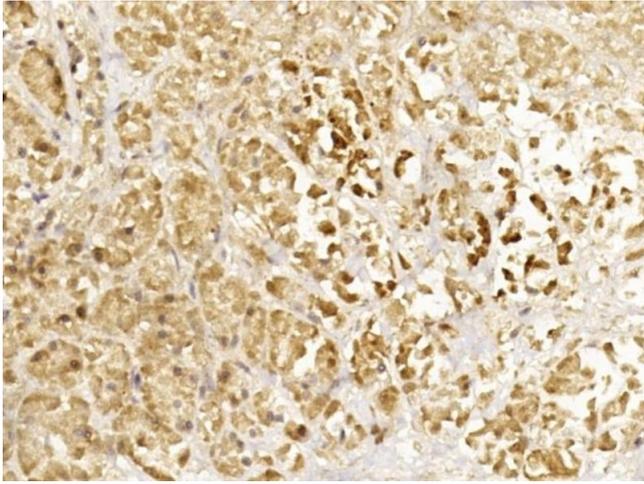
Background:	Glucagon is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein 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.
Molecular Weight:	20909
Gene ID:	2641
NCBI Accession:	NP_002045
UniProt:	P01275
Pathways:	Positive Regulation of Peptide Hormone Secretion , Peptide Hormone Metabolism , cAMP Metabolic Process , Regulation of Carbohydrate Metabolic Process , Feeding Behaviour , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P-Leica: 1:1000. FC: 1:25. IHC: 1:125
Restrictions:	For Research Use only

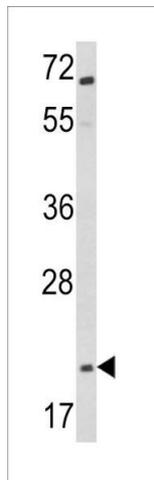
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



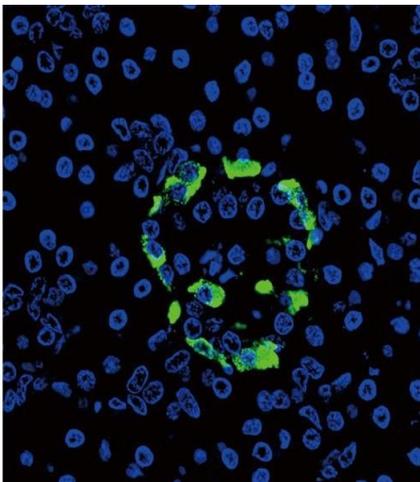
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded Human pancreas section using Pink1 C. C was diluted at 1:125 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of Glucagon Antibody (C-term) (ABIN390769 and ABIN2841027) in Jurkat cell line lysates (35 µg/lane). GCG (arrow) was detected using the purified Pab.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of Glucagon Antibody (C-term) (ABIN390769 and ABIN2841027) with pancreas tissue followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN390769.