

Glucagon Rabbit mAb

Catalog No: #49334

Package Size: #49334-1 50ul #49334-2 100ul

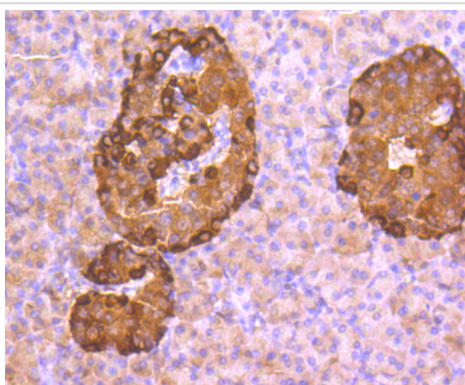
Description

Product Name	Glucagon Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JF0960
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	GCG antibody
Accession No.	Swiss-Prot#:P01275
Calculated MW	21 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

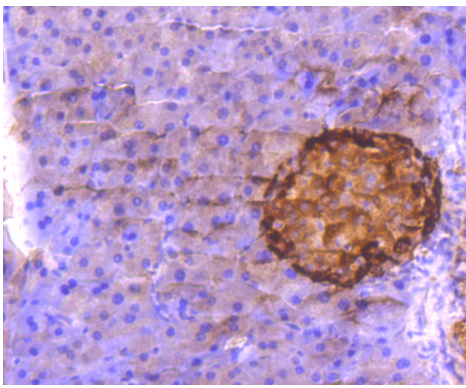
Application Details

WB: 1:500-1:1000IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Glucagon antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using anti-Glucagon antibody. Counter stained with hematoxylin.

Background

Glucagon is a pancreatic hormone that functions as an antagonist to insulin, stimulating the conversion of glycogen to glucose and increasing blood sugar levels. Glucagon-like peptide-1 (GLP-1), Glucagon-like peptide-2 (GLP-2), VIP (vasoactive intestinal peptide) and PACAP (pituitary adenylate cyclase activating polypeptide) are members of the glucagon family of hormones. GLP-1 functions as a transmitter in the central nervous system, inhibiting feeding and drinking behavior, whereas GLP-2 is a stimulator of intestinal epithelial growth. VIP causes vasodilation resulting in the lowering of blood pressure. PACAP is abundant in the hypothalamus and has been shown to increase the synthesis of several hormones, including growth hormone.

References

Published Papers

Martín-a Paniagua-Sancho;Alfredo G Casanova;Lucía-a Rodríguez-Estévez;Ignacio Cruz-González;Francisco J López-Hernández;Carlos Martín-nez-Salgado et al., Pathophysiological characterization of the ApoE^{-/-};db/db mouse: A model of diabetes and atherosclerosis., (2025)
[PMID:39761864](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.