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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Glucagon - Nordic MUBio

nordicmubio.com/product/glucagon

Glucagon

Catalogue number: **GLU001**

Product Type	Primary Antibodies
Units	0.25 ml
Host	Rabbit
Application	Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

Background

The antibody is well suited for the detection of glucagon in tissue sections of brain, pancreas and stomach. Glucagon is a polypeptide which is produced by s.c. A-cells of the pancreatic islets. It is the counterpart of insulin in the regulation of blood sugar levels. Except of the pancreas, glucagon exists also in endocrine cells of the stomach and in neurons of the brain. Frequently it has been found in pancreatic tumours and in rectal carcinoids, which can be responsible for glucagonoma syndromes. Glucagon.

Source

Immunogen: Porcine pancreatic Glucagon-BSA conjugate

Product

Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 100 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art .No. PU002.

Purification Method: Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 100 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art .No. PU002.

Secondary Reagents: We recommend the use of BIOLOGO's Universal Staining System DAB (Art. No. DA005) or AEC (Art. No. AE005).

Specificity

Species Reactivity: Human, rat, pig

Applications

IHC(C, P)

Incubation Time: IHC(P) 60 min at RT or 2-8°C over night

Working Concentration: (liquid conc.) 1:50

Pre-Treatment: No protease pre-treatment required. Improvement may be achieved by HIER.

Positive Control: Pancreas

Storage

2-8°C

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Nordic-MUBio accepts no liability for any inaccuracies or omissions in this information.

References

1. Böttcher G, Ahrén B, Lundquist I, Sundler F. (1989) Peptide YY: intrapancreatic localization and effects on insulin and glucagon secretion in the mouse. *Pancreas*. 4(3):282-8.
2. Riedel MJ, Asadi A, Wang R, Ao Z, Warnock GL, Kieffer TJ. (2012) Immunohistochemical characterisation of cells co-producing insulin and glucagon in the developing human pancreas. *Diabetologia*. 55(2):372-81.
3. Sebastian Barg, Juris Galvanovskis, Sven O. Göpel, Patrik Rorsman, and Lena Eliasson (2000) Tight Coupling Between Electrical Activity and Exocytosis in Mouse Glucagon-Secreting β -Cells *DIABETES*, VOL. 49;1500-1510
4. Anna Wendt, Bryndis Birnir, Karsten Buschard, et al. (2004) Glucose Inhibition of Glucagon Secretion From Rat β -Cells Is Mediated by GABA Released From Neighboring β -Cells. *Diabetes* Vol. 53; 1038-1045.

Safety Datasheet(s) for this product:

NM_Sodium Azide

</wp-content/uploads/SDS/Antibody SDS with Sodium Azide Nordic-MUBio.pdf>