

NEUROMICS



Glucagon Datasheet

Catalog Number:	RA20076	Host:	Rabbit
Product Type:	Polyclonal antiserum	Species Reactivity:	Rat, Chicken, Three-Spined Sickleback Human, Pig, Sea Lamprey, Snail, Turtle
Immunogen Sequence:	Synthetic Glucagon (synthetic bovine, porcine, human sequence) coupled to bovine thyroglobulin (BTg) with glutaraldehyde	Format:	Whole Serum (with $\leq 0.09\%$ sodium azide) Lyophilized
Applications:	Immunohistochemistry 1:500-1:1000 Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Do not reconstitute until ready to use. For long term storage of lyophilized antibody freeze at -15°C or lower. Reconstitute with $100\ \mu\text{l}$ of distilled or deionized water. After reconstitution, use immediately or refrigerate at $2^{\circ}\text{--}8^{\circ}\text{C}$ up to 2 days. For long term storage, aliquot and freeze at -15°C or lower. Stable for at least 6 months at -20°C . Repeated freeze/thaw cycles compromise the integrity of the antiserum.		

Application Notes

Immunohistochemistry:

Tissue: human pancreatic islets

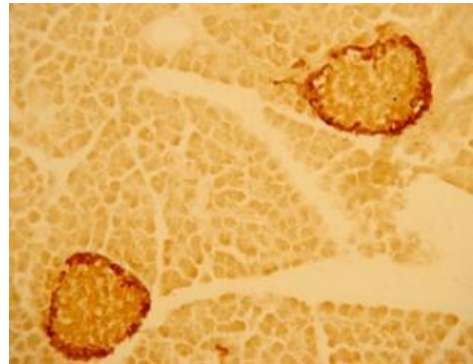
Perfusion Fixation: Formalin

Sections: $10\ \mu\text{m}$ paraffin

Tissue Incubation: 0.5 hours at Room Temperature

Detection system: Use Bn/AV-HRP reagents at dilutions recommended by the manufacturer.

Image: IHC image of alpha cells in the islets of Langerhans of the rat pancreas staining for glucagon. The tissue was fixed with 4% formaldehyde in phosphate buffer, before being removed and prepared for frozen sectioning. Sections were incubated at RT in 10% goat serum in PBS, before standard IHC procedure. Primary antibody was incubated at 1:1000 for 48 hours, goat anti-rabbit secondary was subsequently added for 1 hour after washing with PBS. Light microscopy staining was achieved with standard biotin-streptavidin/HRP procedure and DAB chromogen.



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