



**Category:** Polyclonal Antibodies      **Cat. #** 1107NF-V2024      **Product Name:** Guinea Pig Anti-Insulin - Concentrated

**Description:**  
Polyclonal Guinea Pig Anti-Insulin

**Immunogen:**  
Human insulin.

**Cellular Localization:**  
Cytoplasmic

**Application:**  
IHC--1:50-200  
The optimum dilution should be determined by the individual lab.

**Species Reactivity:**  
Human, others not tested.

**Recommended Positive Control:**  
Human pancreas

**Epitope:**  
not determined

**Presentation:**  
20 mM tris-borate, 150 mM Sodium Chloride, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

**Aliquoting Instructions:**  
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

**Staining Procedure:**  
This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 to 1:200 in IHC. This product is also effective on frozen tissue sections. The optimal conditions should be determined by the individual laboratory.

**Form Supplied:**  
Total immunoglobulin fraction.

**Reactivity:**  
This antibody stains beta cells of the islets langerhans in human pancreas.

**Specificity:**  
Insulin is a hormone that is synthesized, stored and secreted by b-cells of islets of Langerhans of the pancreas.

**Storage:**  
Store at 2~8o C for short term, freeze under -20oC for long term storage.

**Size:** 0.5 ml

**Host:** Guinea Pig

**Form:** Concentrated

**Mol. Wt. of Antigen:** 6 kDa

**Concentration:** Total immunoglobulin--1 mg/ml

**Units On Hand:** YES

**References:**  
1. Colvin B., et al., Diagnostic Immunopathology, Raven Press, New York, 200, 1988.

**For Research Use Only**

**Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com**