

## **Anti Glicentin (1-32) (Rat) Serum**

Cat. No. Y324 Lot No. 1284170324

**Description:** This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic fragment of glicentin (1-32) (rat) peptide. The product vial contains 50  $\mu$ L of the titled antiserum obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with glicentin (rat).

**Immunogen:** Synthetic Glicentin (1-32)-cys (rat)-KLH conjugate

**Host:** Rabbit

**Amino Acid Sequence of Glicentin (rat)<sup>1)</sup>:**

<sup>1</sup> HAPQDTEENA RSFPASQTEP LEDPDQINED <sup>32</sup> KRHSQGTFTS DYSKYLDSRR  
AQDFVQWLMN TKRNRNNIA

**Product Form:** Lyophilized unpurified serum

**Size:** 50  $\mu$ L

**Reconstitution:** Reconstitute the product with 0.5mL of 0.01M PBS (pH 7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN<sub>3</sub> 0.1%).

**Storage:** The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing- thawing should be avoided.

**Suggested Working Dilution Range:** 1:5,000-25,000 for enzyme immunoassay; 1:1,000-5,000 for immunohistochemistry (frozen or paraffin section). Optimal dilution should be determined by each laboratory for each application.

**Specificity** (based on competitive EIA): Glicentin (1-32) (rat) 100%, Glicentin (rat) 100%, Glicentin (human) 0.2%, GLP-1 < 0.1%, GLP-2 (rat) < 0.1%, glucagon < 0.1%

**Positive Control** (immunohistochemistry): Rat pancreas, rat small intestine

**Species Tested:** Rat

### **REFERENCES:**

1) G. Heinrich, P. Gros, and JF. Habener. Glucagon gene sequence. Four of six exons encode separate functional domains of rat preproglucagon. Journal of Biological Chemistry 259:14082-14087, 1984

**FOR RESEARCH LABORATORY USE ONLY**  
DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM



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