

## Anti GLP-2 (14-33) (Rat) Serum

Cat. No. Y321 Lot No. 277100513

**Description:** This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic GLP-2 (14-33) (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 the C-terminal portion of GLP-2 (rat).

**Immunogen:** Synthetic GLP-2 (14-33) (rat)-KLH conjugate

**Host:** Rabbit

**Amino Acid Sequence of GLP-2 (14-33) (rat)<sup>1)</sup>:**

HADGSFSDEM<sup>14</sup> NTILDNLATR DFINWLIQTK<sup>33</sup> ITD

**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:** 1:1,500 (final dilution ~1:21,000) for radioimmunoassay; 1:1,000-5,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

**Specificity** (based on radioimmunoassay): GLP-2 (14-33) (rat) 100%, GLP-2 (rat) 100%, GLP-1 (7-36)-NH<sub>2</sub> 0%, glucagon 0%

**Positive Control** (immunohistochemistry): Rat pancreas, rat ileum

**Species Tested:** Rat

### REFERENCES:

- 1) S. Mojsov, G. Heinrich et al., Preproglucagon gene expression in pancreas and intestine diversifies at the level of post-translational processing. Journal of Biological Chemistry 261:11880-11886, 1986

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