Anti GLP-2 (14-33) (Rat) Serum Cat. No. Y321

Description: This antiserum was raised in a rabbit by immunization with a keyhole lympet hemocyanin (KLH) conjugate of synthetic GLP-2 (14-33) (rat) peptide. The product vial contains 50 μL 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)[1]:

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                14                  33
HADGSFSDEM NTILDNLATR DFINWLIQTK ITD
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Product Form: Lyophilized unpurified serum **Size:** 50 μL

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_3 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_2 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 pr ocessing. Journal of Biological Chemistry 261:11880-11886, 1986

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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