

Anti GLP-2 (Mouse) Serum

Cat. No. Y323 Lot No. 1600170323

Description: This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic GLP-2 (mouse) peptide. The product vial contains 50 μ 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 GLP-2 (mouse).

Immunogen: Synthetic GLP-2 (mouse)-KLH conjugate

Host: Rabbit

Amino Acid Sequence of GLP-2 (mouse)¹⁾:

HADGSFSDEM STILDNLATR DFINWLIQTK ITD

Product Form: Lyophilized unpurified serum

Size: 50 μ 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. NaN₃ 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: 1:10,000-60,000 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): GLP-2 (mouse) 100%, GLP-2 (rat) 100%, GLP-2 (14-33) (rat) 117.4%, GLP-2 (human) 44.7%, GLP-2 (1-18) (rat) 0%, GLP-1 (7-36)-NH₂ 0%

Positive Control (immunohistochemistry): Rat pancreas, rat ileum

Species Tested: Rat

REFERENCES:

1) M. Rothenberg, C Eilerston et al., Processing of mouse proglucagon by recombinant prohormone convertase 1 and immunopurified prohormone convertase 2 in vitro. Journal of Biological Chemistry 270:10136-10146, 1995

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