



Anti GLP-2 (Mouse) Serum

Cat. No. YII-Y323-EX 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 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 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 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. 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%, glucagon 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

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM



COSMO BIO CO., LTD.
Inspiration for Life Science

TOYO EKIMAE BLDG, 2-20, TOYO 2CHOME, KOTO-KU, TOKYO 135-0016, JAPAN
TEL: +81-3-5632-9617 FAX: +81-3-5632-9618 e-mail: export@cosmobio.co.jp

www.cosmobio.co.jp