

Anti GRF/GH-RH (Rat) Serum

Cat. No. Y390

Lot No. 198100512

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic growth hormone-releasing factor (GRF/GH-RH) (rat) 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 GRF/GH-RH (rat).

Immunogen: Synthetic GRF/GH-RH (rat), carrier free

Host: Rabbit

Amino Acid Sequence of GRF/GH-RH (rat)¹⁾:

HADAIFTSSY RRILGQLYAR KLLHEIMNRQ QGERNQEQRS RFN

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. Reconstituted antiserum solution can also be aliquotted and stored at -20°C to -80°C for six months without marked loss of activity. Repeated freezing- thawing should be avoided.

Suggested Working Dilution Range: 1:1,000-3,000 (final dilution ~1:21,000) for radioimmunoassay;
1: 1,000- 4,000 for immunohistochemistry (frozen or paraffin section). Optimal dilution should be determined by each laboratory for each application.

Specificity: GRF/GH-RH (rat) 100%, not tested for other peptide hormones

Positive Control (immunohistochemistry): Rat hypothalamus

Species Tested: Rat

REFERENCES:

1) J. Speies, J. Rivier and W. Vale, Characterization of rat hypothalamic growth hormone-releasing factor. Nature 303: 532-536, 1983

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