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

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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