Anti Galanin (20-29)(Rat) Serum

Cat. No. Y186 **Lot No. 383160701**

Description: This antiserum was raised in a rabbit by immunization with a keyhole lympet hemocyanin (KLH) conjugate of a synthetic galanin (20-29) (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 galanin (rat).

Immunogen: Synthetic galanin (20-29) (rat)-KLH conjugate

Amino Acid Sequence of galanin (20-29)(rat) [1]**:**

20 29
GWTLNSAGYL LGPHAIDNHR SFSDKHGLT-NH_2

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: 1:500-2,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on non-competitive EIA)**:** Galanin (rat) 100%, galanin (20-29) (rat) 100%, galanin (human) 0%

Positive Control (immunohistochemistry)**:** Rat pyroric spincter

Species Tested: Rat

REFERENCES:

1) L.M. Kaplan, E.R. Spindel et al., Tissue-specific expression of the rat galanin gene. Proceedings of National Academy of Sciences, USA 85: 1065-1069, 1988

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

Yanaihara Institute Inc.
2480-1 Awakura, Fujinomiya, Shizuoka, 418-0011 Japan
TEL: +81-544-22-2771 FAX:+81-544-22-2770
For more infomation, please visit our internet website: http://www.yanaihara.co.jp or contact us to: ask@yanaihara.co.jp

Copyright: Yanaihara Institute Inc. 2004 All Rights Reserved