

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

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

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

20 29
GWTLNSAGYL LGPH AIDNHR SFSDKHGLT-NH₂

Host: Rabbit

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: 1:500-2,000 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 pyrolic 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

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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM



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