



Anti Galanin (15-29)(Rat) Serum

Cat. No. YII-Y183-EX Lot No. 067871212

Description: This antiserum was raised in a rabbit by immunization with a porcine thyroglobulin (pTG) conjugate of synthetic galanin (15-29)(rat) peptide. The product vial contains 50 μ L of the titled antiserum obtained by lyophilizing its 0.001 M 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 (15-29)(rat)-pTG conjugate **Host:** Rabbit

Amino Acid Sequence of Galanin (15-29) (rat)¹⁾:

15 29

GWTLNSAGYL LGPHAIDNHR SFSDKHGLT-NH₂

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: 1:3,000 (final dilution ~1:21,000) for radioimmunoassay; 1:200-2,000 for immunohistochemistry (frozen or paraffin sections)²⁾. Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay): Galanin (rat) 100%, galanin (15-29) (rat) 100%, galanin (human) 0%

Positive Control (immunohistochemistry): Rat duodenum

Species Tested: Rat

REFERENCES:

- 1) M.E. Vrontakis, L.M. Peden et al., Isolation and characterization of a complementary DNA (galanin) clone from estrogen-induced pituitary tumor messenger RNA. Journal of Biological Chemistry 262: 16755-16758, 1987
- 2) Y. Takatsu, H. Matsumoto et al., Distribution of galanin-like peptide in th rat brain. Endocrinology 142: 1626-1634, 2001

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

Distributor



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
URL : <http://www.cosmobio.co.jp/>
e-mail : export@cosmobio.co.jp

Manufacturer



2480-1 Awakura, Fujinomiya-shi,
Shizuoka 418-0011, JAPAN
Phone: +81-544-22-2771
Fax: +81-544-22-2770
URL: www.yanaihara.co.jp
E-mail: ask@yanaihara.co.jp