



Anti Galanin (9-30)(Human) Serum

Cat. No. YII-Y184-EX Lot No. 090171213

Description: This antiserum was raised in a rabbit by immunization with a bovine serum albumin (BSA) conjugate of synthetic galanin (9-30)(human) peptide. The product vial contains 50µL 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 (human).

Immunogen: Synthetic galanin (9-30)(human)-BSA conjugate **Host:** Rabbit

Amino Acid Sequence of Galanin (9-30) (human)¹⁾:

9 30

GWTLNSAGYL LGPHAVGNHR SFSDKHGLTS

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

Specificity (based on radioimmunoassay): Galanin (9-30) (human) 100%, galanin (human) 150.6%, galanin (16-30) (human) 0%, galanin (rat) 10.2%, galanin (porcine) 5.4%, substance P 0%, neurokinin A 0%

Positive Control (immunohistochemistry): Rat duodenum

Species Tested: Rat

REFERENCES:

1) M. Bersani, A.H. Johnsen et al., Human galanin: primary structure and identification of two molecular forms. FEBS Letters 283: 189-194, 1991

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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