

Anti Pancreastatin (33-51) (Rat) Serum

Cat. No. Y090 Lot No. 087171031

Description: This antiserum was raised in a rabbit by immunization with a porcine thyroglobulin (pTG) conjugate of synthetic pancreastatin (33-51) (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 pancreastatin (rat).

Immunogen: Synthetic pancreastatin (33-51) (rat)-pTG conjugate

Host: Rabbit

Amino Acid Sequence of pancreastatin (33-51)(rat)¹⁾:

DDGQSESQAV NGKTGASEAV PSEGKGELEH SQEEDGEEAMAGPPQGLFP G

33 51

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: 1:10,000-200,000 (final dilution ~1:1,400,000) for radioimmunoassay; 1: 1,000- 4,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay): pancreastatin (33-51) (rat) 100%, Pancreastatin (rat) 100%, chromogranin A (359- 389) (rat) 0%²⁾

Positive Control (immunohistochemistry): Rat pituitary and adreal gland

Species Tested: Rat

REFERENCES:

- 1) A. Iacangelo, H. Okayama and L.E. Eiden, Primary structure of rat chromogranin A and distribution of its mRNA. FEBS Letters 227:115-221, 1988
- 2) S. Nagasawa, N. Yanaihara et al., Distribution of chromogranin A-like peptides in the rat. Biomedical Research 16: 83-90, 1995

FOR RESEARCH USE ONLY

<Distributed by>

SCETI K.K.

DF Kasumigaseki Place, 3-6-7 Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 Japan

URL: <http://www.sceti.co.jp/export/> e-mail: exp-pet@sceti.co.jp

<Manufacturer>

Yanaihara Institute Inc.

2480-1 Awakura, Fujinomiya-shi, Shizuoka 418-0011 JAPAN