Anti Pancreastatin (33-51) (Rat) Serum
Cat. No. YII-Y090-EX 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 µL 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, immuno- histochemistry 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 SQQEEDGEEAMAGPPQGLFP G

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 recon- stitution, 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%, chromo- granin A (359- 389) (rat) 0%[2]

Positive Control (immunohistochemistry)**:** Rat pituitary and adrenal 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

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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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