

## **Anti Chromogranin A (94-130) (Rat) Serum**

**Cat. No. Y291**

**Description:** This antiserum was raised in a rabbit by immunization with a carrier free synthetic chromogranin A (94-130) (rat) peptide. The product vial contains 50  $\mu$ 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 chromogranin A related peptides.

**Immunogen:** Synthetic chromogranin A (94-130) (rat), carrier free

**Host:** Rabbit

**Amino Acid Sequence of Chromogranin A (94-130) (rat)<sup>1)</sup>:**

94 130  
HSSFEDL LSEVFENQSP AAKHGDAASE APSKDTVEKR

**Product Form:** Lyophilized unpurified serum

**Size:** 50  $\mu$ 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. NaN<sub>3</sub> 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:** 1:1,000 (final dilution ~1:7,000) for radioimmunoassay<sup>2,3)</sup>; 1: 1,000 for immunohistochemistry (frozen section). Optimal dilution should be determined by each laboratory for each application.

**Specificity** (based on radioimmunoassay): Chromogranin A (94-130) (rat) 100%, Pancreastatin (rat) 0%. Recognized chromogranin A (rat) and  $\beta$ -granin.

**Positive Control** (immunohistochemistry): Rat pituitary gland and adrenal gland<sup>4,5,6)</sup>

**Species Tested:** Rat

### **REFERENCES:**

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