



Anti Chromogranin A (359-389) (Rat) Serum

Cat. No. YII-Y290-EX Lot No. 076371204

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic chromogranin A (359-389) (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, immunohistochemistry or any other immunoreaction with chromogranin A related peptides.

Immunogen: Synthetic chromogranin A (359-389) (rat), carrier free **Host:** Rabbit

Amino Acid Sequence of Chromogranin A (359-389) (rat)¹⁾:

LE GEDDPDRSMK LSFRRARYGF RDPGPQLRR

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: 1:2,000 (final dilution ~1:14,000) for radioimmunoassay^{2,3)}; 1: 1,000 for immunohistochemistry (frozen section)⁴⁾. Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay): Chromogranin A (359-389) (rat) 100%, pancreastatin (rat) 0%,

Positive Control (immunohistochemistry): Rat pituitary gland and adrenal gland^{5,6,7,8)}

Species Tested: Rat, dog, human

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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

