

Anti Rattin-24 Serum

Cat. No. Y441

Lot No. 1410160726

Description: This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic rattin-24 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 rattin.

Immunogen: Synthetic rattin-24-KLH conjugate**Host:** Rabbit**Amino Acid Sequence of Rattin-24**¹⁾:

MAKRGFNCLL LSISEIDLVP KRLE

Product Form: Lyophilized unpurified serumSize: 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 for enzyme immunoassay (EIA); 1:20,000 for immunohistochemistry. Optimal dilution should be determined by each laboratory for each application.

Specificity (based on EIA): Rattin-38 100%, humanin 3.8%**Positive Control** (immunohistochemistry): Hippocampus, cerebral cortex, cerebellum, duodenum, spleen, kidney, and testis**Species Tested:** Rat**Related Peptides:**

Humanin: MAPRGFSCLL LLTSEIDLVP KRRRA

Rattin-38: MAKRGFNCLL LSISEIDLVP KRLESPNKTR RPYGASIY

Related Antiserum: Anti Humanin Serum Y440**REFERENCE:**

- 1) A. Caricasole, V. Bruno et al., A novel rat gene encoding a Humanin-like peptide endowed with broad neuroprotective activity. The FASEB Journal. 16: 1331-3, 2002

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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM



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