Anti PTHrP (15-34)-NH2 Serum
Cat. No. YII-Y202-EX Lot No. 092271024

Description: This antiserum was raised in a rabbit by immunization with a carrier free PTHrP (15-34)-NH_2 pep- tide. The product vial contains 50 µL of the titled antiserum, which was obtained by lyophilizing its 0.001M phos- phate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immu- noreaction with PTHrP.

Immunogen: PTHrP (15-34)-NH_2 (human), carrier free **Host:** Rabbit

Amino Acid Sequence of PTHrP (15-34)-NH_2 (human)[1)]
AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTA-NH2
The amino acid sequences of N-terminal (15-34) of PTHrPs in mammals are 100% conserved.

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: 1:1,000 (final dilution ~1:7,000) for radioimmunoassay; 1:200-1,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay)**:** PTHrP (15-34)-NH2 100%, PTHrP (1-34)-NH2 70%, PTHrP (1-19) 0%, PTHrP (7-34)-NH2 25%

Positive Control (immunohistochemistry)**:** Rat mammary gland (lactation period) or mammary tumor tissue

Species Tested: Rat

REFERENCES:
1) L.J. Suva, G.A. Winslow et al., A parathyroid hormone-related protein implicated in malignant hypercalcemia: cloning and expression. Science 237: 893-898, 1987

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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