



Anti ACTH (Mouse, Rat) Serum

Cat. No. YII-Y350-EX Lot No. 54150207

Description: This antiserum was raised in a rabbit by immunization with a carrier free conjugate of synthetic ACTH (mouse, rat) peptide. The product vial contains 50 µL of the titled antiserum obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with ACTH (mouse, rat).

Immunogen: Synthetic ACTH (mouse, rat), carrier free **Host:** Rabbit

Amino Acid Sequence of ACTH (mouse, rat)¹⁾:

SYSMEHFRWG KPVGKKRRPV KVYPNVAENE SAEAFPLEF

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: 1:1,000-4,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on non-competitive EIA): ACTH (mouse, rat) 100%, ACTH (human) 80%,

Positive Control (immunohistochemistry): Rat pituitary gland

Species Tested: Rat

REFERENCES:

1) J. Drouin, M. Chamberland Charronet al., Structure of the rat pro-opiomelanocortin (POMC) gene. FEBS Lett. 193:54-59, 1982

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

Distributor



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