



PENINSULA LABORATORIES, LLC

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Cat. No. T-4127

Rabbit anti-ACTH (18-39) (human)

Specifications:

- Preparation:** This polyclonal antibody was collected from rabbits immunized with a synthetic peptide as the immunogen.
- Amount:** Each vial contains 50 ul of whole serum in lyophilized form. Reconstitute with 50 ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This antibody is supplied as a lyophilized powder. Store at 2° to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquot at -20°C to -70°C. **Avoid repeated freeze/thaw cycles.**
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications.
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue sections and fixed cell cultures.

Recommended starting dilution for Immunohistochemical staining:

Immunofluorescence: 1:250 to 1:16000

PAP or ABC: 1:250 to 1:16000

LAB-SA: 1:250 to 1:16000

It is advised for each laboratory to determine optimal dilutions for a specific application.

Cross Reaction:

| Peptide | % |
|---|----------|
| ACTH (18-39) (human) | 100 |
| ACTH (1-39) (human) | 100 |
| ACTH (1-24) (human, bovine, mouse, ovine, porcine, rabbit, Rat) | <0.01 |
| ACTH (7-38) (human) | 0 |
| ACTH (1-39) (rat) | 100 |
| α -MSH | 100 |
| β -MSH | 0 |
| CRF (human, rat) | 0 |

Cross-Reactivity data is taken from Radioimmunoassay applications