

Recombinant ACTH Monoclonal Antibody

catalog number: AN301965L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

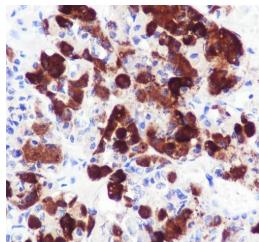
| | |
|--------------|---|
| Reactivity | Human;Rat; |
| Immunogen | Recombinant human ACTH fragment |
| Host | Rabbit |
| Isotype | IgG, κ |
| Clone | A681 |
| Purification | Protein A purified |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

Applications

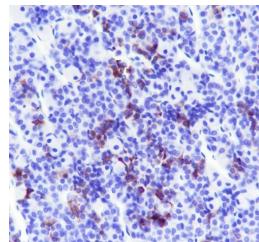
Recommended Dilution

| | |
|-----|--------------|
| IHC | 1:500-1:1000 |
|-----|--------------|

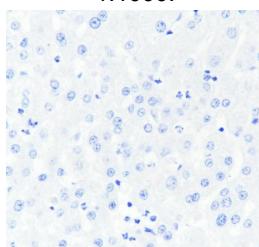
Data



Immunohistochemistry of paraffin-embedded Human pituitary using ACTH Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat pituitary using ACTH Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human liver(Negative tissue) using ACTH Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

| | |
|----------|---|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

ACTH, adrenocorticotrophic hormone, is a peptide hormone cleavage product of the POMC protein produced by the pituitary gland. ACTH plays an important role in stress and circadian rhythm signaling. Its primary action is on the adrenal cortex, where its binding induces the secretion of glucocorticoid steroid hormones. The peptide sequence for this hormone is highly evolutionarily conserved amongst mammals. Specifically, for mouse and rat, this sequence shares 100% identity.

For Research Use Only

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