

## Product Datasheet

# ACTH (1-39) Rabbit Polyclonal Antibody (orb10034)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb10034   |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | ACTH (1-39) Rabbit Polyclonal Antibody                                 |
| <b>Target</b>               | POMC   |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Isotype</b>              | IgG  |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Rat   |
| <b>Predicted Reactivity</b> | Bovine, Goat, Mouse  |
| <b>Form/Appearance</b>      | Liquid   |
| <b>Concentration</b>        | 1mg/ml   |
| <b>Buffer/Preservatives</b> | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol. |
| <b>Purification</b>         | Affinity purified by Protein A   |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human ACTH (1-39/39aa)   |
| <b>UniProt ID</b>           | <b>P01189</b>  |
| <b>RRID</b>                 | AB_10749200  |

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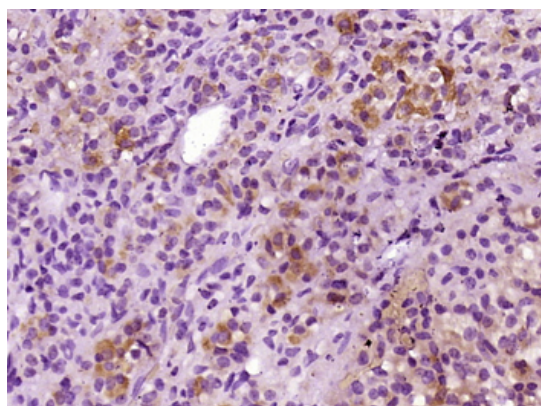
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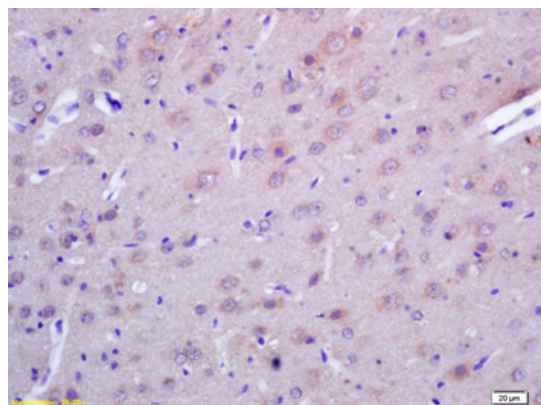
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|                            |   |
|----------------------------|---|
| <b>MW</b>                  | 4.5 kDa   |
| <b>Tested applications</b> | IF, IHC-Fr, IHC-P   |
| <b>Dilution range</b>      | IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500  |
| <b>Antibody Type</b>       | Primary Antibody  |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Paraformaldehyde-fixed, paraffin embedded (Human pituitary tumor), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ACTH (1-39)) Polyclonal Antibody, Unconjugated (orb10034) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Tissue/cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-ACTH (1-39) Polyclonal Antibody, Unconjugated (orb10034) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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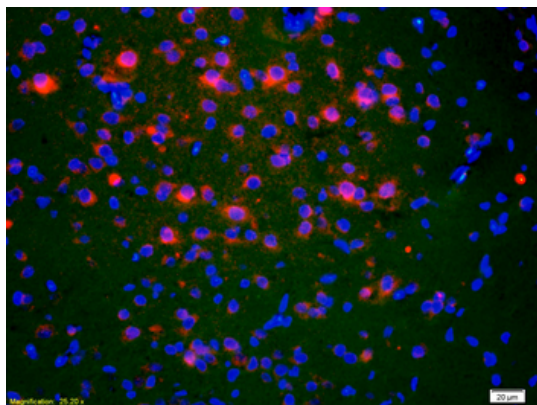
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Tissue/cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-ACTH (1-39) Polyclonal Antibody, Unconjugated (orb10034) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (orb868589) used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 ug/ml, blue) was used to stain the cell nuclei.

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