

Anti-ACTH antibody [AH26] - BSA and Azide free ab212734

重组

4 图像

概述

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| 产品名称 | Anti-ACTH抗体[AH26] - BSA and Azide free |
| 描述 | 小鼠单克隆抗体[AH26] to ACTH - BSA and Azide free |
| 宿主 | Mouse |
| 特异性 | ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This antibody is specific to Synacthen (aa 1-24 of ACTH); does not react with CLIP (aa 17-39 of ACTH). |
| 经测试应用 | 适用于: IHC-P, IHC-Fr 不适用于: WB |
| 种属反应性 | 与反应: Mouse, Rat, Human 预测可用于: Sheep, Guinea pig, Cow, a wide range of other species, Macaque monkey  |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | IHC-P: Human, Mouse and Rat pituitary gland tissue. IHC-Fr: Mouse pituitary gland tissue |
| 常规说明 | <p>This product has switched from a hybridoma to recombinant production method on 11th March 2022.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> |

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|------|---|
| 性能 | |
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| 存储溶液 | pH: 7.2 Constituent: 100% PBS |
| 无载体 | 是 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | AH26 |
| 同种型 | IgG1 |
| 轻链类型 | kappa |

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab212734于以下的经测试应用

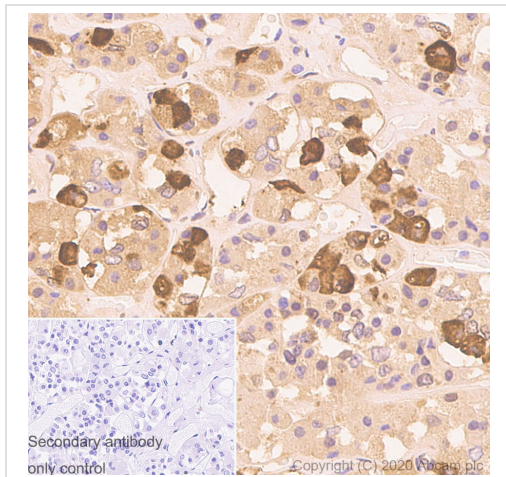
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|--------|------|---|
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| IHC-Fr | | Use at an assay dependent concentration. |

| | |
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| 应用说明 | Is unsuitable for WB. |
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| 靶标 | |
| 相关性 | ACTH occurs in cells of the anterior pituitary and in neurons in brain. It regulates the corticosteroid production in the adrenal cortex. Beta endorphin and Met enkephalin are endogenous opiates. MSH (melanocyte stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes. |
| 细胞定位 | Secreted |

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| 图片 | |
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACTH antibody [AH26] - BSA and Azide free (ab212734)

This data was developed using [ab233953](#), the same antibody clone in a different buffer formulation.

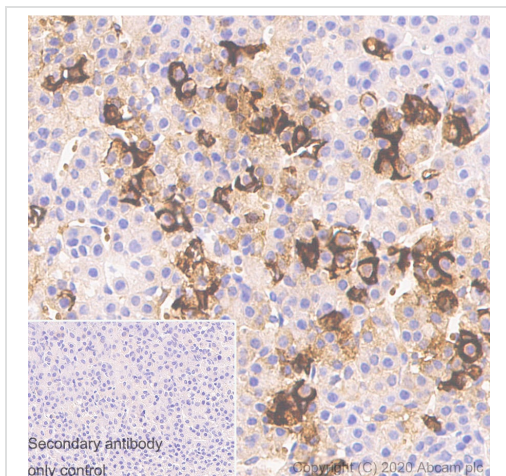
Immunohistochemical analysis of paraffin-embedded Human pituitary gland tissue labeling ACTH with [ab233953](#) at 1/5000 (0.233 µg/ml) dilution, followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)).

Positive staining on human pituitary gland. The section was incubated with [ab233953](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#))

Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACTH antibody [AH26] - BSA and Azide free (ab212734)

This data was developed using [ab233953](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Mouse pituitary gland tissue labeling ACTH with [ab233953](#) at 1/10000 (0.116 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

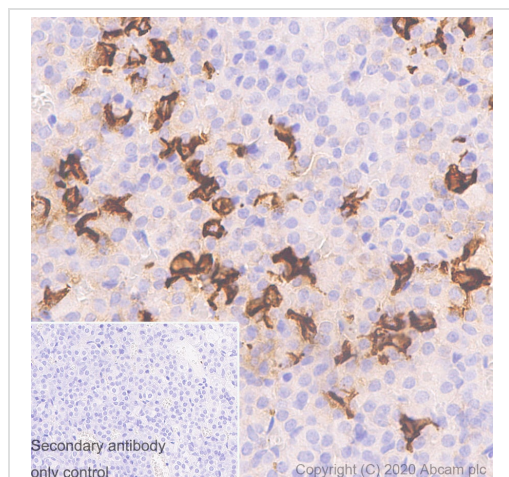
Positive staining on mouse pituitary gland. The section was incubated with [ab233953](#) for 30 mins at room temperature and then combined with specific mouse IgG antibody ([ab125913](#), 1:1000) for 8mins.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection)

Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACTH antibody [AH26] - BSA and Azide free (ab212734)

This data was developed using [ab233953](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Rat pituitary gland tissue labeling ACTH with [ab233953](#) at 1/10000 (0.116 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

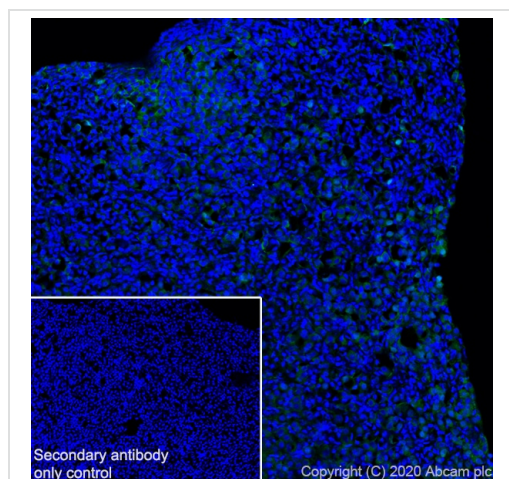
Positive staining on rat pituitary gland. The section was incubated with [ab233953](#) for 30 mins at room temperature and then combined with specific mouse IgG antibody ([ab125913](#), 1:1000) for 8mins.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection)

Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins



Immunohistochemistry (Frozen sections) - Anti- ACTH antibody [AH26] - BSA and Azide free (ab212734)

This data was developed using [ab233953](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Mouse pituitary (fresh frozen) tissue labeling ACTH with [ab233953](#) at 1/100 (11.64 µg/ml) dilution followed by [ab150113](#), Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1/1000 dilution (Green).

Positive staining on mouse pituitary. The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is [ab150113](#) Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20)

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