


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

リコンビナント

画像数 4

製品の概要

製品名	Anti-ACTH antibody [AH26] - BSA and Azide free
製品の詳細	Mouse monoclonal [AH26] to ACTH - BSA and Azide free
由来種	Mouse
特異性	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).
アプリケーション	適用あり: IHC-P, IHC-Fr 適用なし: WB
種交差性	交差種: Mouse, Rat, Human 交差が予測される動物種: 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.
ポジティブ・コントロール	IHC-P: Human, Mouse and Rat pituitary gland tissue. IHC-Fr: Mouse pituitary gland tissue
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	AH26
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab212734の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

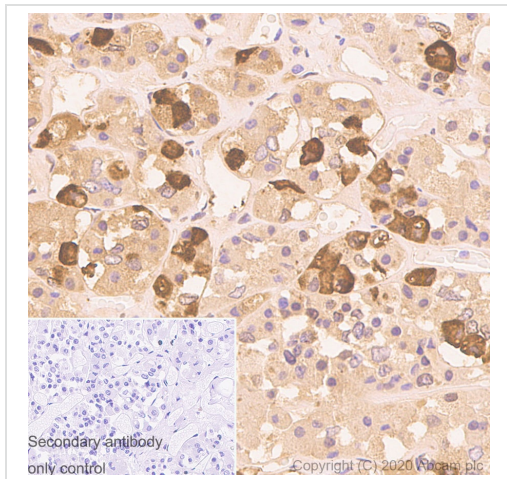
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IHC-Fr		Use at an assay dependent concentration.

追加情報 Is unsuitable for WB.

ターゲット情報

関連性	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.
細胞内局在	Secreted

画像



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.

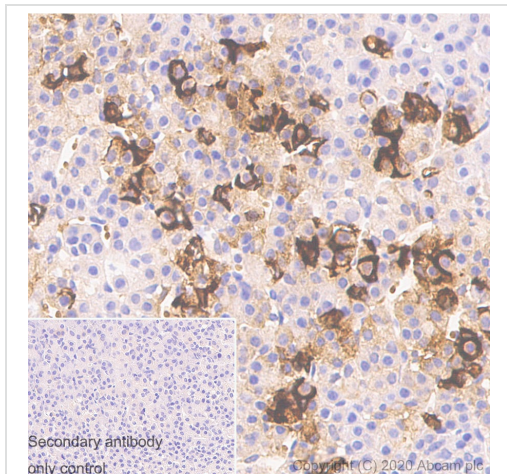
Immunohistochemical analysis of paraffin-embedded Human pituitary gland tissue labeling ACTH with [ab233953](#) at 1/5000 (0.233 µg/ml) dilution, followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)).

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).

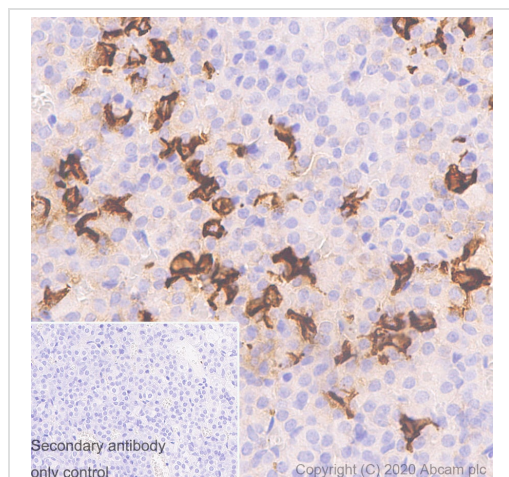
Positive staining on mouse pituitary gland. The section was incubated with [ab233953](#) for 30 mins at room temperature and then combined with specific mouse IgG antibody ([ab125913](#), 1:1000) for 8mins.

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).

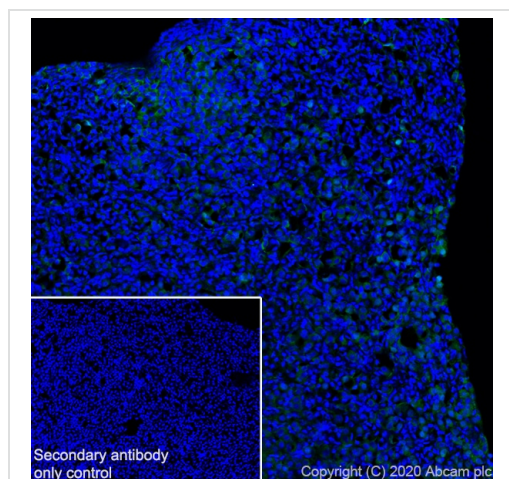
Positive staining on rat pituitary gland. The section was incubated with [ab233953](#) for 30 mins at room temperature and then combined with specific mouse IgG antibody ([ab125913](#), 1:1000) for 8mins.

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)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors