

# Anti-CRF antibody [EPR19154] - BSA and Azide free ab250741

Recombinant RabMAb

3 Images

### Overview

Product name	Anti-CRF antibody [EPR19154] - BSA and Azide free
Description	Rabbit monoclonal [EPR19154] to CRF - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> IHC-P
Species reactivity	<b>Reacts with:</b> Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250741 is the carrier-free version of <a href="#">ab184238</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR19154
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab250741 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

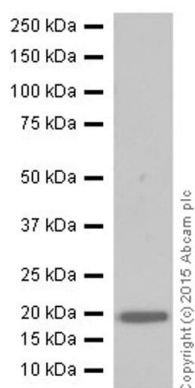
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 21 kDa).

**Application notes** Is unsuitable for IHC-P.

## Target

Relevance	CRF precursor is a 41-amino acid peptide derived from a 196-amino acid preprohormone. CRF is a neuroendocrine hormone secreted by the paraventricular nucleus (PVN) of the hypothalamus and is a key player in the hypothalamic pituitary adrenal axis. It is also synthesized in peripheral tissues, such as T lymphocytes and is highly expressed in the placenta. Neuronal CRF is important in a variety of diverse roles including, memory, depression, stress, kidney function, parturition, metabolism and feeding (to mention a few).
Cellular localization	Cytoplasmic and Secreted

## Images



Western blot - Anti-CRF antibody [EPR19154] -  
BSA and Azide free (ab250741)

Anti-CRF antibody [EPR19154] ([ab184238](#)) at 1/1000 dilution +  
Human CRF fragment recombinant protein at 0.01 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 21 kDa

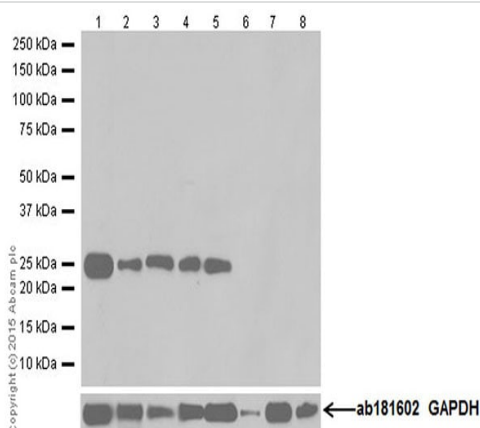
**Observed band size:** 21 kDa

**Exposure time:** 1 second

This data was developed using [ab184238](#), the same antibody  
clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDm/TBST.

Human CRF fragment recombinant protein contains aa20-185 with  
a His-Tag<sup>®</sup>. This recombinant human fragment protein was made  
in-house.



Western blot - Anti-CRF antibody [EPR19154] -  
BSA and Azide free (ab250741)

**All lanes :** Anti-CRF antibody [EPR19154] ([ab184238](#)) at 1/5000  
dilution

**Lane 1 :** Human brain tissue lysate

**Lane 2 :** Mouse brain tissue lysate

**Lane 3 :** Mouse hypothalamus tissue lysate

**Lane 4 :** Rat brain tissue lysate

**Lane 5 :** Rat hypothalamus tissue lysate

**Lane 6 :** Mouse pancreas tissue lysate

**Lane 7 :** Mouse skin tissue lysate

**Lane 8 :** Rat skin tissue lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG Peroxidase Conjugate, specific to the non-reduced form of IgG at 1/10000 dilution

**Predicted band size:** 21 kDa


**Observed band size:** 25 kDa

**Exposure time:** 3 minutes

This data was developed using **ab184238**, the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDM/TBST.

Why choose a recombinant antibody?



- Research with confidence**  
Consistent and reproducible results
- Long-term and scalable supply**  
Recombinant technology
- Success from the first experiment**  
Confirmed specificity
- Ethical standards compliant**  
Animal-free production

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

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