


Product datasheet

Anti-CRHR2 antibody ab104368

★★★★★ [1 Abreviews](#) [4 References](#) [1 Image](#)

Overview

Product name	Anti-CRHR2 antibody
Description	Rabbit polyclonal to CRHR2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Horse, Hamster, Cow, Dog, Human 
Immunogen	Synthetic peptide corresponding to Rat CRHR2 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as ab125890)
Positive control	This antibody gave a positive signal in the following tissue lysates: Rat Brain; Rat Forebrain; Rat Dorsal Root Ganglion; Mouse Dopaminergic Nucleus.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

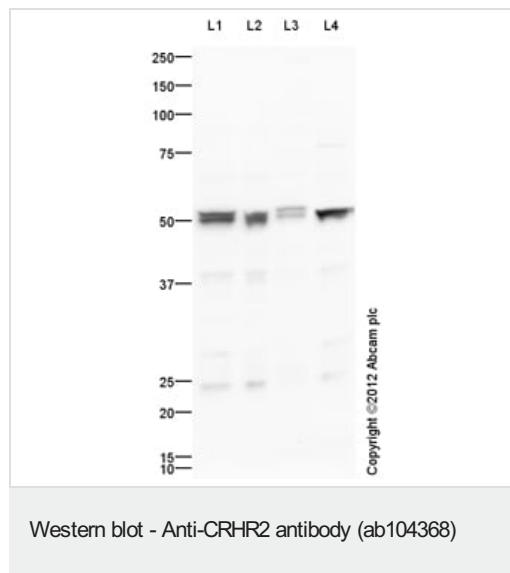
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab104368 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 51,54 kDa (predicted molecular weight: 48 kDa).

Target

Function	This is a receptor for corticotropin releasing factor. Shows high-affinity CRF binding. Also binds to urocortin I, II and III. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
Sequence similarities	Belongs to the G-protein coupled receptor 2 family.
Cellular localization	Cell membrane.

Images



All lanes : Anti-CRHR2 antibody (ab104368) at 1 µg/ml

Lane 1 : Brain (Rat) Tissue Lysate

Lane 2 : Rat Forebrain

Lane 3 : Dorsal Root Ganglia (Rat) Tissue Lysate

Lane 4 : Dopaminergic nucleus Mouse Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 48 kDa

Observed band size: 51,54 kDa

Exposure time: 30 seconds

CRHR2 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. This antibody was raised against an immunogen that is predicted to recognize both alpha and beta isoforms of Corticotropin Releasing Factor Receptor 2. The predicted molecular weights of the alpha and beta isoforms are 48 kDa and 50 kDa respectively.

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