




### Anti-MC2-R antibody ab180793

[1 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-MC2-R antibody
<b>Description</b>	Rabbit polyclonal to MC2-R
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Recombinant full length protein corresponding to Human MC2-R aa 1-297. Sequence: MKHIINSYENINNTARNNSDCPRVVLPEEIFFTISM/GVLENLI VLLAVF KNKNLQAPMYFFICSLAISDMLGSLYKILENILILRNMGYLP RGSFET TADDIISLFLVLSLLGSIFSLSVIAADRYTIFHALRYHSIVTMR RTVVV LTVWTFCTGTGITMVIFSHHVPTVITFTSLFPLMLVFILCLYV HMFLLA RSHTRKISTLPRANMKGAILTILLGVFIFCWAPFVLHVLLMT FCPSNPY CACYMSLFQVNGMLIMCNAVIDPFIYAFRSPELRDAFKKMI FCSRYW  Database link: <a href="#">Q01718</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	293 cell lysate
<b>General notes</b>	<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&amp;As</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

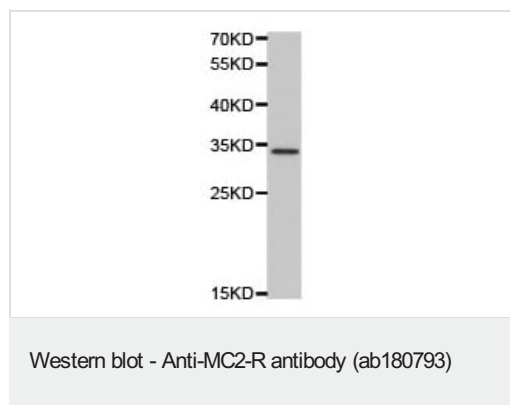
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180793 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		1/1000 - 1/2000. Predicted molecular weight: 34 kDa.

## Target

<b>Function</b>	Receptor for ACTH. This receptor is mediated by G proteins (G(s)) which activate adenylate cyclase.
<b>Tissue specificity</b>	Melanocytes and corticoadrenal tissue.
<b>Involvement in disease</b>	Defects in MC2R are the cause of glucocorticoid deficiency type 1 (GCCD1) [MIM:202200]; also known as familial glucocorticoid deficiency type 1 (FGD1). GCCD1 is an autosomal recessive disorder due to congenital insensitivity or resistance to adrenocorticotropin (ACTH). It is characterized by progressive primary adrenal insufficiency, without mineralocorticoid deficiency.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Cellular localization</b>	Cell membrane.

## Images



Anti-MC2-R antibody (ab180793) at 1/1000 dilution + 293 cell lysate

**Predicted band size: 34 kDa**

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

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