

## Product datasheet

# Anti-MCHR-1 antibody ab217849

1 Image

### Overview

<b>Product name</b>	Anti-MCHR-1 antibody
<b>Description</b>	Rabbit polyclonal to MCHR-1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<p><b>Reacts with:</b> Rat</p> <p><b>Predicted to work with:</b> Mouse, Human </p>
<b>Immunogen</b>	<p>Synthetic peptide within MCHR-1 aa 60-113 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary.</p> <p>Sequence:</p> <p>L WEQATGTGWM DLEASLLPTG PNASNTSDGP DNLTSAGSPP RTGSISYINI IMP</p> <p>Database link: <a href="#">Q99705</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>       <a href="#">Run BLAST with</a> </p>
<b>Positive control</b>	Rat brain tissue
<b>General notes</b>	<p>Previously labelled as MCHR.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions,</p>

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, as well as customer reviews and Q&As.

## Properties

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<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>	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, 1% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab217849** 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
IHC-P		1/100 - 1/500.

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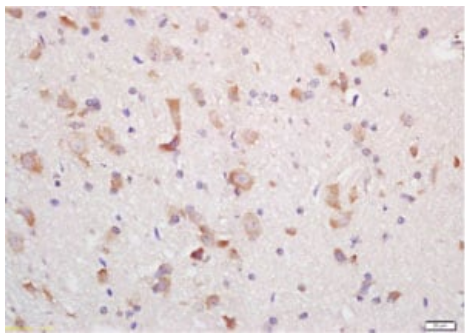
## Target

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<b>Relevance</b>	MCHR-1, a member of the G protein coupled receptor family 1, is an integral plasma membrane protein which binds melanin concentrating hormone. MCHR-1 can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, MCHR-1 does not seem to bind somatostatin.
<b>Cellular localization</b>	Cell Membrane; multi-pass membrane protein

## Images

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCHR-1 antibody (ab217849)

Immunohistochemical analysis of paraffin embedded, formalin fixed rat brain tissue labeling MCHR-1 using ab217849 at 1/200 dilution. Followed by conjugation to the secondary antibody and DAB staining.

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

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- 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
  
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