

Product datasheet

Anti-5HT4 Receptor antibody ab272909

1 Image

Overview

<b>Product name</b>	Anti-5HT4 Receptor antibody
<b>Description</b>	Rabbit polyclonal to 5HT4 Receptor
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant fragment within Mouse 5HT4 Receptor (C terminal). The exact sequence is proprietary. Database link: <a href="#">P97288</a>
<b>Positive control</b>	WB: Mouse brain tissue extract.
<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: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
<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 ab272909 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		1/500 - 1/3000.

## Target

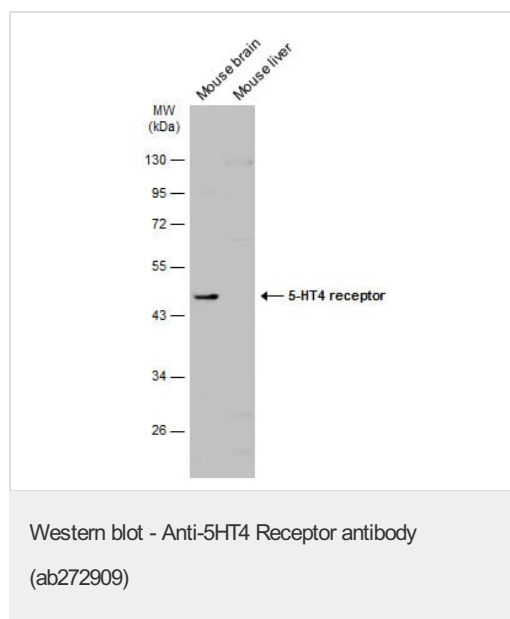
### Relevance

The 5HT4 Receptor is one of the several different receptors for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulates adenylate cyclase. 5HT4a receptors may play a role in opioid-induced respiratory depression.

### Cellular localization

Cell membrane; Multi-pass membrane protein. Endosome. Note: Interaction with SNX27 mediates recruitment to early endosomes, while interaction with SLC9A3R1 and EZR might target the protein to specialized subcellular regions, such as microvilli.

## Images



**All lanes :** Anti-5HT4 Receptor antibody (ab272909) at 1/1000 dilution

**Lane 1 :** Mouse brain lysate

**Lane 2 :** Mouse liver lysate

Lysates/proteins at 50 µg per lane.

### Secondary

**All lanes :** HRP-conjugated anti-rabbit IgG antibody

**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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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