

## Product datasheet

# Anti-Histamine antibody ab6449

### Overview

<b>Product name</b>	Anti-Histamine antibody										
<b>Description</b>	Rabbit polyclonal to Histamine										
<b>Host species</b>	Rabbit										
<b>Specificity</b>	Using a conjugate Histamine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds: <table> <thead> <tr> <th>Compound</th> <th>Cross-reactivity ratio*</th> </tr> </thead> <tbody> <tr> <td>Histamine-G-BSA</td> <td>1</td> </tr> <tr> <td>1-Methylhistamine-G-BSA</td> <td>1/&gt;50,000</td> </tr> <tr> <td>3-Methylhistamine-G-BSA</td> <td>1/&gt;50,000</td> </tr> <tr> <td>Histidine-G-BSA</td> <td>1/&gt;50,000</td> </tr> </tbody> </table> <p>*Histamine-G-BSA concentration/conjugated amino acid concentration at half displacement</p>	Compound	Cross-reactivity ratio*	Histamine-G-BSA	1	1-Methylhistamine-G-BSA	1/>50,000	3-Methylhistamine-G-BSA	1/>50,000	Histidine-G-BSA	1/>50,000
Compound	Cross-reactivity ratio*										
Histamine-G-BSA	1										
1-Methylhistamine-G-BSA	1/>50,000										
3-Methylhistamine-G-BSA	1/>50,000										
Histidine-G-BSA	1/>50,000										
<b>Tested applications</b>	<b>Suitable for:</b> ELISA										
<b>Immunogen</b>	Chemical/ Small Molecule by a Glutaraldehyde linker.										

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab6449** 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
ELISA		1/2000 - 1/5000.

## Target

---

### Relevance

Histamine is located in mast cells, endocrine cells of the gut, blood cells and in some cells of the peripheral and central nervous system. Histamine is a potent vasodilator when secreted by mast cells found in various tissues as a result of allergic hypersensitivity or inflammation. Histamine causes running nose, sneezing and itching, and narrows the airways in the lungs. In the central nervous system, Histamine is putative neurotransmitter. In the brain, its highest content has been found in the hypothalamus and in certain areas of the mesencephalon.

### Cellular localization

Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors