Anti-Conjugated Histamine
RABBIT POLYCLONAL

Catalog Number: AB-T024
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic histamine conjugated to bovine serum albumin

Specificity and Preparation:
Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated histamine. **This antibody does not recognize free histamine.**
Using a conjugate Histamine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<table>
<thead>
<tr>
<th>COMPOUND</th>
<th>CROSS REACTIVITY §</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>

G = Glutaraldehyde, BSA = Bovine Serum Albumin
§ Histamine-G-BSA concentration/unconjugated or conjugated amino acids concentration at half displacement.

Usage and Storage:
Tested applications include immunocytochemistry and immunohistochemistry. Optimal dilutions should be determined by each laboratory for each application. Fixation of tissue for use with these antibodies should be done with glutaraldehyde. Protocols for other potential applications can be found on the website: http://atsbio.com/support/protocols. The use of paraformaldehyde in conjunction with glutaraldehyde may improve staining results.
Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

Available Control(s): Histamine-G-BSA

References:

To view protocol(s) for this and other products please visit: www.ATSbio.com/support/protocols

For research use only, not for use as a diagnostic.