Anti-Conjugated Noradrenaline
RABBIT POLYCLONAL

**Catalog Number:** AB-T06  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic noradrenaline conjugated to bovine serum albumin

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

**Usage:** Applications include immunocytochemistry (paraffin);\(^1\,^2\) immunohistochemistry (frozen, 1/1,000-1/5,000); immunoblotting (western blot 1/1,000-1/2,000). Fixation of tissue for use with these antibodies should be done with glutaraldehyde. The use of paraformaldehyde in conjunction with glutaraldehyde may improve staining results.

**Storage:** 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 5-10 seconds in a microfuge before use.

<table>
<thead>
<tr>
<th>COMPOUND</th>
<th>CROSS REACTIVITY $^$</th>
<th>G</th>
<th>Noradrenaline-G-BSA</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octopamine-G-(Pc)</td>
<td>1/30</td>
<td>G</td>
<td></td>
<td></td>
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<tr>
<td>Dopamine-G-(Pc)</td>
<td>1/70</td>
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<tr>
<td>Adrenaline-G-(Pc)</td>
<td>1/180</td>
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<tr>
<td>L-DOPA-G-(Pc)</td>
<td>1/&gt;5,000</td>
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<tr>
<td>Tyramine-G-(Pc)</td>
<td>1/&gt;5,000</td>
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<tr>
<td>Noradrenaline</td>
<td>1/&gt;5,000</td>
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G = Glutaraldehyde, BSA = bovine serum albumin

$^\$ Noradrenaline-G-BSA concentration/unconjugated or conjugated catecholamine concentration at half displacement

**Selected References:**

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