



10451 ROSELLE STREET, #300, SAN DIEGO, CA 92121
TELEPHONE (858) 642-1988 • FAX (858) 642-1989
WWW.ATSBIO.COM • ATS@ATSBIO.COM

**Anti-Conjugated NO-Dopamine
RAT POLYCLONAL**

Catalog Number: AB-T122
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Immunogen: Synthetic NO-Dopamine conjugated to bovine serum albumin

Specificity and Preparation:

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated NO-Dopamine. **This antibody does not recognize free NO-Dopamine.**

Using a conjugate NO-Dopamine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

| COMPOUND | CROSS REACTIVITY § |
|---------------------------------|---------------------------|
| NO-Dopamine-G-BSA | 1 |
| Dopamine-G-BSA | 1/>50,000 |
| NO-Tyramine-G-BSA | 1/>50,000 |
| NO ₂ -Tyrosine-G-BSA | 1/>50,000 |

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ NO-Dopamine-G-BSA concentration/unconjugated or conjugated close-related compounds concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/1,000-1/5,000), immunohistochemistry / immunocytochemistry (1/1,000-1/5,000), and 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. 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): NO-Dopamine-G-BSA

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