



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

Anti-Conjugated Dopamine
RAT POLYCLONAL

Catalog Number: AB-T068
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG1
Immunogen: Synthetic 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 dopamine. **This antibody does not recognize free dopamine.**

Using a conjugate Dopamine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Dopamine-G-BSA	1
L-DOPA-G-(Pc)	1/120
Noradrenaline-G-(Pc)	1/>50,000
Tyramine-G-(Pc)	1/>50,000

G = Glutaraldehyde, BSA = bovine serum albumin

§ Dopamine-G-BSA concentration/unconjugated or conjugated catecholamine concentration at half displacement.

Usage and Storage:

Protocols for potential applications can be found on the website: <http://atsbio.com/support/protocols>. Optimal dilutions should be determined by each laboratory for each application. Store the antibody at 4°C in a dry area for one month or -20°C in undiluted aliquots for up to two years. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

Available Control(s): Dopamine-G-BSA

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