



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

**Anti-Conjugated Agmatine
RABBIT POLYCLONAL**

Catalog Number: AB-T128
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic Agmatine conjugated to bovine serum albumin

Specificity and Preparation:

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated Agmatine. **This antibody does not recognize free agmatine.**

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

COMPOUND	CROSS REACTIVITY §
Agmatine-G-BSA	1
Arginine-G-BSA	1/>50,000
L.Glutamic acid-G-BSA	1/>50,000
Glutamine-G-BSA	1/>50,000
Ornithine-G-BSA	1/>50,000
Citrulline-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ Agmatine-G-BSA concentration/unconjugated or conjugated close-related compounds concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/2,000-1/5,000). 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): Agmatine-G-BSA

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