



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

**Anti-Conjugated Gamma-Amino-Butyric Acid (GABA)
RAT POLYCLONAL**

Catalog Number: AB-T158
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic Gamma-Amino-Butyric Acid (GABA) conjugated to protein carrier

Specificity and Preparation:

This antibody targets conjugated Gamma-Amino-Butyric Acid (GABA). **This antibody does not recognize free GABA.** Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

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

COMPOUND	CROSS REACTIVITY §
GABA-G-BSA	1
L.Aspartic acid-G-BSA	1/>50,000
L.Glutamic acid-G-BSA	1/>50,000
β-Alanine-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ GABA-BSA concentration/conjugated close structure concentration at half displacement.

Usage and Storage:

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

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