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Anti-Conjugated Spermine
RABBIT POLYCLONAL

Catalog Number: AB-T133
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic spermine conjugated to bovine serum albumin by glutaraldehyde

Specificity and Preparation:

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

This antibody targets conjugated spermine. **This antibody does not recognize free spermine.**

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

COMPOUND	CROSS REACTIVITY §
Spermine-G-BSA	1
Spermidine-GA-BSA	1/3
Ornithine-GA-BSA	1/500
Diamino-Pentane-G-BSA	1/700

G = Glutaraldehyde, GA = Glutaric Anhydride, BSA = Bovine Serum Albumin

§ Spermine-G-BSA concentration/unconjugated or conjugated polyamine 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): Spermine-G-BSA

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