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**Anti-Conjugated Diamino-Pentane
RABBIT POLYCLONAL**

Catalog Number: AB-T135
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic diamino-pentane conjugated to bovine serum albumin

Specificity and Preparation:

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

This antibody targets conjugated diamino-pentane. **This antibody does not recognize free diamino-pentane.**

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

COMPOUND	CROSS REACTIVITY §
Diamino-pentane-G-BSA	1
Diamino-butane-G-BSA	1/2,000
Spermidiine-G-BSA	1/>100,000
Spermine-G-BSA	1/>100,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ Diamino-pentane-G-BSA concentration/unconjugated or conjugated polyamine concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/2,000-1/5,000) and immunohistochemistry / immunocytochemistry (frozen sections; 1/500-1/1,000). 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): Diamino-Pentane-G-BSA

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