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**Anti-Conjugated Taurine-GA-Diaminopentane
RABBIT POLYCLONAL**

Catalog Number: AB-T027
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic Taurine conjugated to bovine serum albumin

Specificity and Preparation:

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated Taurine synthesized by using a linker anhydride glutaric and a diamine arm. Using a conjugate Taurine-Glutaric Acid-Diaminopentane-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Taurine-GA-DP-G-BSA	1
Cysteine-GA-DP-G-BSA	1/>16,000
Methionine-GA-DP-G-BSA	1/>50,000
Taurine-G-BSA	1/>50,000

G = Glutaraldehyde, GA = Glutaric Acid, DP = Diaminopentane, BSA = Bovine Serum Albumin
§ Taurine-GA-DP-G-BSA concentration or conjugated amino acid concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/1,000-1/5,000), immunocytochemistry, immunohistochemistry, and immunoblotting (western blot 1/1,000-1/2,000). 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): Taurine-GA-DP-G-BSA

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