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**Anti-Conjugated Taurine  
RAT POLYCLONAL**

**Catalog Number:** AB-T028  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rat  
**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 after linkage by amide bond with glutaric acid linker. Using a conjugate Taurine-Glutaric Acid-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<b>COMPOUND</b>	<b>CROSS REACTIVITY §</b>
Taurine-GA-BSA	1
Methionine-GA-BSA	1/>50,000
Cysteine-GA-BSA	1/>50,000

GA = Glutaric Acid, BSA = Bovine Serum Albumin

§ Taurine-GA-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). 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-BSA

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