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**Anti-Conjugated Caprylic Acid
RAT POLYCLONAL**

Catalog Number: AB-T084
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic Caprylic Acid conjugated to bovine serum albumin

Specificity and Preparation:

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

This antibody targets conjugated Caprylic Acid. **This antibody does not recognize free caprylic acid.**

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

COMPOUND	CROSS REACTIVITY §
Caprylic Acid-BSA	1
Capric acid-BSA	1/9
Caproic acid-BSA	1/127
3-hydroxycaprylic acid-BSA	1/1,721

BSA = Bovine Serum Albumin

§ Caprylic Acid-BSA concentration/unconjugated or conjugated analogs 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). 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): Caprylic Acid-BSA

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