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**Anti-Conjugated Myristic Acid  
RAT POLYCLONAL**

**Catalog Number:** AB-T086  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rat  
**Isotype:** IgG  
**Immunogen:** Synthetic Myristic 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 Myristic Acid. **This antibody does not recognize free myristic acid.** Using a conjugate Myristic acid-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Myristic acid-BSA	1
Arachidonic acid-BSA	1/20
Linoleic acid-BSA	1/30
Oleic acid-BSA	1/35
Lauric acid-BSA	1/160
Capric acid-BSA	1/300

BSA = Bovine Serum Albumin

§ Myristic acid-BSA concentration/unconjugated or conjugated analogs concentration at half displacement.

**Usage and Storage:**

Tested applications include immunohistochemistry. Optimal dilutions should be determined by each laboratory for each application. Protocols for other potential applications can be found on the website: <http://atsbio.com/support/protocols>.

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):** Myristic Acid-BSA

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