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**Anti-Conjugated Indole 3 Acetic Acid  
RABBIT POLYCLONAL**

**Catalog Number:** AB-T129  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic Indole 3 Acetic 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 Indole 3 Acetic Acid. Indole 3 Acetic Acid is the principal auxin in higher plants. **This antibody does not recognize free Indole 3 Acetic Acid.**

Using a conjugate Indole 3 Acetic acid-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<b>COMPOUND</b>	<b>CROSS REACTIVITY §</b>
Indole 3 Acetic Acid-BSA	1
Indole 3 Pyruvic Acid-BSA	1/>50,000
Phenyl Acetic Acid-BSA	1/>50,000

BSA = Bovine Serum Albumin

§ Indole 3 Acetic Acid-BSA concentration/conjugated close structure concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/5,000-1/10,000). 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):** 3-Indolacetic Acid-BSA

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