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**Anti-Conjugated 5-Hydroxytryptophol  
RABBIT POLYCLONAL**

**Catalog Number:** AB-T082  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic 5-Hydroxytryptophol conjugated to bovine serum albumin

**Specificity and Preparation:**

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated 5-Hydroxytryptophol. **This antibody does not recognize free 5-Hydroxytryptophol.**

Using a conjugate 5-Hydroxytryptophol-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<b>COMPOUND</b>	<b>CROSS REACTIVITY §</b>
5-Hydroxytryptophol-SA-(Pc)	1
5-Methoxytryptophol-SA-(Pc)	1/3,000
5-Hydroxytryptamine-SA-(Pc)	1/50,000

SA = Succinic Anhydride, BSA = bovine serum albumin

§ 5-Hydroxytryptophol-SA-(Pc) concentration/other conjugated indolealkylamine concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/1,000-1/5,000), immunocytochemistry, immunohistochemistry, 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):** 5-Hydroxytryptophol-G-BSA

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