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**Anti-Conjugated 6-Hydroxytryptamine
RABBIT POLYCLONAL**

Catalog Number: AB-T103
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic 6-Hydroxytryptamine conjugated to bovine serum albumin

Specificity and Preparation:

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

This antibody targets 6-Hydroxytryptamine. **This antibody does not recognize free 6-Hydroxytryptamine.**

Using a conjugate 6-Hydroxytryptamine-glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
6-Hydroxytryptamine-G-BSA	1
5-Hydroxytryptamine-G-(Pc)	1/9,000
Tryptamine-G-(Pc)	1/>50,000
5-Methoxytryptamine-G-(Pc)	1/>50,000

G = Glutaraldehyde, BSA = bovine serum albumin

§ 6-Hydroxytryptamine-G-BSA concentration/other conjugated indolealkylamine concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/1,000-1/5,000), immunocytochemistry, immunohistochemistry (1/1,000-1/5,000), and 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): 6-Hydroxytryptamine-G-BSA

References:

1. Dabadie H, Geffard M, Charrier MC, Locuratolo D, Berrier C, Jacquesy JC (1992) First characterization of 6-hydroxytryptamine in the rat midbrain by using specific antibodies. *J Neurochem* 58(4):1292-1299.

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