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**Anti-Conjugated Homovanillic Acid
RAT POLYCLONAL**

Catalog Number: AB-T098
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic Homovanillic 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 Homovanillic Acid. **This antibody does not recognize free homovanillic acid.**

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

COMPOUND	CROSS REACTIVITY §
Homovanillic acid-BSA	1
Vanilmandelic acid-BSA	1/2,000
Dopamine-BSA	1/15,000
Noradrenaline-BSA	1/>50,000

BSA = Bovine Serum Albumin

§ Homovanillic 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): Homovanillic Acid-BSA

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