

Anti-Conjugated Phenyl Acetic Acid RAT POLYCLONAL

Catalog Number:	AB-T099	
Quantity:	50 microliters	
Format:	Lyophilized and reconstituted with deionized water / 50% glycerol	
Host:	Rat	
Isotype:	IgG	
Immunogen:	Synthetic Phenyl 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 Phenyl Acetic Acid. **This antibody does not recognize free phenyl acetic acid.**

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

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	COMPOUND	CROSS REACTIVITY [§]
	Phenyl-acetic acid-BSA	1
	Indole-acetic acid-BSA	1/>50,000
	Indole-pyruvic acid-BSA	1/>50,000
DG I		

BSA = Bovine Serum Albumin

§ Phenyl-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): Phenyl Acetic Acid-BSA

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