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**Anti-Conjugated Phenyl-Acetic Acid
RABBIT POLYCLONAL**

Catalog Number: AB-T097
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
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:

COMPOUND	CROSS REACTIVITY §
Phenyl acetic acid-BSA	1
Benzoic acid-(Pc)	1/150
Phenylalanine-(Pc)	1/50,000

BSA = bovine serum albumin

§ Phenyl acetic acid-BSA concentration or conjugated analogs concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/1,000-1/5,000), immunocytochemistry, immunohistochemistry, and immunoblotting (western blot 1/1,000-1/2,000). 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