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**Anti-Conjugated Picolinic Acid
RABBIT POLYCLONAL**

Catalog Number: AB-T154
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic Picolinic 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 Picolinic Acid. **This antibody does not recognize free picolinic acid.**

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

| COMPOUND | CROSS REACTIVITY § |
|----------------------|---------------------------|
| Picolinic acid-BSA | 1 |
| Anthranilic acid-BSA | 1/>50,000 |
| Kynurenine-BSA | 1/>50,000 |
| 3OH Kynurenine-BSA | 1/>50,000 |
| Quinaldic acid-BSA | 1/>50,000 |
| Xanthurenic acid-BSA | 1/>50,000 |

BSA = Bovine Serum Albumin

§ Picolinic acid-BSA concentration/ conjugated close structure concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/5,000-1/10,000) and immunohistochemistry / immunocytochemistry (frozen sections). 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): Picolinic Acid-BSA

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