# Rabbit Anti-Conjugated Beta-Alanine pAb

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| **Catalog No.** | PA2032 | **Quantity:** | 100 µl |

**Description:** Polyclonal antisera were raised in rabbits after immunization with the conjugates : β −alanine-Glutaraldehyde-Carriers.

**Target:** Conjugated β-alanine

**Purity:** Antiserum previously preabsorbed on protein carriers, and purified.

**Host:** Rabbit

**Immunogen:** Synthetic β-alanine conjugated to protein carrier (Pc)

**Isotype:** IgG

**Specificity:** Using a conjugate beta-Alanine-(Pc), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

| Compounds | Cross-reactivity ratio (a) |
|---|---|
| beta-Alanine-G-(Pc) | 1 |
| GABA-G-(Pc) | 1/500 |
| Glycine-G-(Pc) | 1/> 50,000 |
| L.Aspartate-G-(Pc) | 1/> 50,000 |
| Free beta-Alanine | 1/7,000 |

(a): b-alanine-G-(Pc) concentration/other conjugated close-related compounds concentration at half displacement G = Glutaraldehyde

**Formulation:** Lyophilized

**Purification:** Antiserum previously preabsorbed on protein carriers, and purified.

**Applications:** Immunohistochemistry. Optimal dilutions should be determined by each laboratory for each application.

**Storage & Stability:** Lyophilized vial must be stored at 4°C in a dry area. After reconstitution with 50 µl of distilled water and 50 µl of glycerol, the aliquot can be stored at -20°C, and is stable at least 2 years.

**Research Areas:** Biochemistry, Neurobiology

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