Rat Anti-Conjugated N-Acetyl-Cysteine pAb

Catalog No. PA2060 **Quantity:** 100 µl

Description: Polyclonal antisera were raised in rats after immunization with the conjugate N-acetyl-cysteine adsorbed on protein.

Target: Conjugated N-Acetyl-Cysteine

Purity: Antiserum previously pre absorbed on protein carriers, and purified.

Host: Rat

Immunogen: Synthetic N-Acetyl-Cysteine conjugated to bovine serum albumin (BSA)

Isotype: IgG

Specificity: Using a conjugate N-Acetyl-Cysteine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compound:

Compounds	Cross-reactivity ratio (a)
N-acetyl-cysteine-BSA	1
Cysteine-G-BSA	1/>100,000
Cysteine-GA-BSA	1/>100,000

(a) N-acetyl-cysteine-G-BSA concentration/unconjugated close-related compounds concentration at half displacement.
G = Glutaraldehyde, GA = Glutaric Anhydride, BSA = Bovine Serum Albumin.

Formulation: Lyophilized

Purification: Antiserum previously pre-absorbed on protein carriers, and purified.

Application Notes: 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: Neuroscience

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