

PHOSPHO-ALPHA 1 SODIUM POTASSIUM ATPASE (SER23) RABBIT PAB

Cat.#: N225422

Product Name: Anti-Phospho-alpha 1 Sodium Potassium ATPase (Ser23) Rabbit pAb

Synonyms: ATP1A1; Sodium/potassium-transporting ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium pump subunit alpha-1

UNIPROT ID: P06685

Background: The ATPase Na⁺/K⁺ transporting subunit alpha 1 encoded by ATP1A1 belongs to the family of P-type cation transport ATPases, and to the subfamily of Na⁺/K⁺ -ATPases. Na⁺/K⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane.

Immunogen: The antiserum was produced against synthesized peptide derived from rat ATP1 alpha1/Na⁺K⁺ ATPase1 around the phosphorylation site of Ser23. AA range:15-64

Applications: WB,ICC/IF,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 113 kDa; Observed MW: 113 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Rat

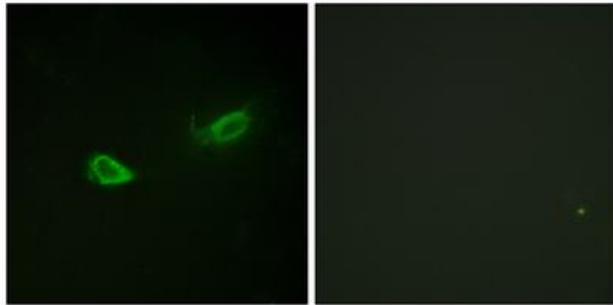
Conjugation: Unconjugated

Modification: Phosphorylated

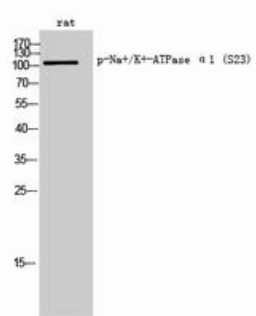
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Tags & Cell Markers

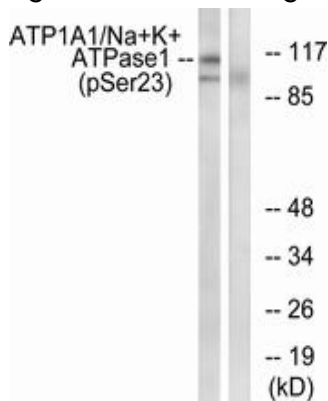
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in NIH/3T3 using ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) antibody. The picture on the right is blocked using the Phospho- peptide.



Western blot analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in rat lysates using Phospho-alpha 1 Sodium Potassium ATPase (Ser23) antibody.



Western blot analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in rat brain lysates using ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) antibody. The lane on the right is blocked with the Phospho-peptide.