# Phospho-Na+/K+-ATPase alpha1 (Ser23) Polyclonal Antibody



Catalog Number: E-AB-21117

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

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**Reactivity** Rat

**Immunogen** Synthesized peptide derived from human Na+/K+-ATPase  $\alpha$ 1 around the

phosphorylation site of Ser23

Host Rabbit Isotype IgG

Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

**Applications** Recommended Dilution

WB 1:500-1:2000 IF 1:100-1:300 ELISA 1:5000

## **Data**



Western Blot analysis of Rat cells with Phospho-Na+/K+-ATPase alpha1 (Ser23) Polyclonal Antibody

> Observed Mw:113kDa Calculated Mw:113kDa

## **Preparation & Storage**

Storage Store at -20°C. Avoid freeze / thaw cycles.

#### **Background**

This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

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