

# Phospho-Na<sup>+</sup>/K<sup>+</sup>-ATPase alpha1 (Tyr260) Polyclonal Antibody



Catalog Number:E-AB-51060

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

## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Synthesized phospho derived from human Na <sup>+</sup> /K <sup>+</sup> -ATPase α1 (Phospho-Tyr260) Polyclonal
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Formulation</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-2000
<b>ELISA</b>	1:10000-20000

## Data



Western Blot analysis of various cells using Phospho-Na<sup>+</sup>/K<sup>+</sup>-ATPase alpha1 (Tyr260) Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:115kDa**

## 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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