

Phospho-Na⁺/K⁺-ATPase alpha1 (Tyr260) Polyclonal Antibody



Catalog Number:E-AB-51060

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

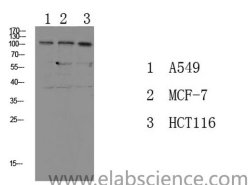
Description

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

Applications Recommended Dilution

WB	1:500-2000
ELISA	1:10000-20000

Data



Western Blot analysis of various cells using Phospho-Na⁺/K⁺-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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