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)
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-2000

Data



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

Observed-MW:115 kDa

Calculated-MW:112.9 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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