

Product name:	Phospho-alpha 1 Sodium Potassium ATPase (Ser23) Rabbit Polyclonal Antibody
Cat number:	ABN00835
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
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
Reactivity:	Rat
Applications:	WB 1:500-1:1000, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
Molecular Weight:	Calculated MW: 113 kDa; Observed MW: 113 kDa
Purification:	Affinity Chromatography
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.