

Sodium Potassium ATPase Rabbit pAb

db292

Package : 20µL 50µL 100µL

Product Name : Sodium Potassium ATPase Rabbit pAb**Cat.No.:** db292**Synonyms** : ATP1A1**Application** : WB, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene 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. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The catalytic subunit of Na⁺/K⁺ -ATPase is encoded by multiple genes. This gene encodes an alpha 1 subunit. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]

Immunogen

A synthetic peptide of human Sodium Potassium ATPase

Gene ID

476

Swiss Prot

P05023

Synonyms

ATP1A1

Reactivity

Human, Mouse, Rat

Application

WB, IP

Recommended dilutionWB: 1:2000
IHC: 1:20
ICC/IF: 1:100
FC: 1:20**Calculated MW**

113 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.