

---

## phospho-ATP1A1 (Tyr260) Rabbit pAb

Catalog Number: bs-15967R

Target Protein: phospho-ATP1A1 (Tyr260)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 113 kDa

Entrez Gene: 476

Swiss Prot: P05023

Source: KLH conjugated synthesised phosphopeptide derived from human alpha 1 Sodium Potassium ATPase around the phosphorylation site of Tyr260: V(p-Y)TG.

Purification: affinity purified by Protein A

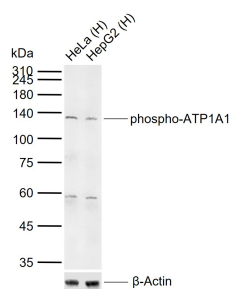
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of Na<sup>+</sup>/K<sup>+</sup>-ATPases. Na<sup>+</sup>/K<sup>+</sup>-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<sup>+</sup>/K<sup>+</sup>-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, May2009].

### VALIDATION IMAGES

---



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-phospho-ATP1A1 (Tyr260) (bs-15967R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 113 kDa Observed band size: 135 kDa