bs-3035R

## [ Primary Antibody ]

## phospho-ATP1A1 (Ser16) Rabbit pAb



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- DATASHEET -

**Host:** Rabbit **Isotype:** IgG

Clonality: Polyclonal

**GenelD:** 476 **SWISS:** P05023

Target: ATP1A1 (Ser16)

**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human

ATP1A1 around the phosphorylation site of Ser16: AV(p-S)E.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**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+/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, May2009].

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Mouse,

Rat, Pig, Sheep, Cow, Dog,

GuineaPig)

Predicted MW.: 110 kDa

Subcellular Cell membrane