

bs-3035R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

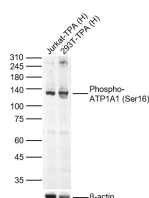
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Phospho-ATP1A1 (Ser16) Rabbit pAb**— DATASHEET —**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 476</p> <p>Target: Phospho-ATP1A1 (Ser16)</p> <p>Immunogen: KLH conjugated Synthesised phosphopeptide derived from human ATP1A1 around the phosphorylation site of Ser16: AV(p-S)E.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>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].</p>	<p>Isotype: IgG</p> <p>SWISS: P05023</p> <p>Applications: WB (1:500-2000)</p> <p>Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Dog, GuineaPig)</p> <p>Predicted MW.: 110 kDa</p> <p>Subcellular Location: Cell membrane</p>
--	--

— VALIDATION IMAGES —

Sample: Lane 1: Human Jurkat-TPA cell Lysates
 Lane 2: Human 293T-TPA cell Lysates Primary:
 Anti-Phospho-ATP1A1 (Ser16) (bs-3035R) at
 1/1000 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 110kDa Observed band size: 130kDa