

# Anti-ATPase, Na<sup>+</sup>/K<sup>+</sup> Transporting Alpha 1 Polypeptide (ATP1a1) Polyclonal Antibody

**Catalog No:** FY-AB53571

**Organism Species:** Homo sapiens (Human)

**Application:** Loading Control of WB.

**Alternative Names:** Sodium pump subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium/potassium-transporting ATPase subunit alpha-1

## PROPERTIES

|                      |                                                                                                                                                                                                                                                                                                                                     |
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| Source               | -                                                                                                                                                                                                                                                                                                                                   |
| Host species         | Rabbit                                                                                                                                                                                                                                                                                                                              |
| Cross Reactivity     | -                                                                                                                                                                                                                                                                                                                                   |
| Purification         | Antigen-specific + Protein A affinity chromatography                                                                                                                                                                                                                                                                                |
| Research Area        | Signal transduction;                                                                                                                                                                                                                                                                                                                |
| Appearance           | Liquid                                                                                                                                                                                                                                                                                                                              |
| Size                 | 200μl;500μg/mL                                                                                                                                                                                                                                                                                                                      |
| Formulation          | PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                       |
| Immunogen            | Recombinant ATPase, Na <sup>+</sup> /K <sup>+</sup> Transporting Alpha 1 Polypeptide (ATP1a1)                                                                                                                                                                                                                                       |
| Application          | Western blotting: 0.5-2μg/mL                                                                                                                                                                                                                                                                                                        |
|                      |                                                                                                                                                                                                                                                                                                                                     |
|                      |                                                                                                                                                                                                                                                                                                                                     |
| Storage instructions | Stable for 12 months. at -20°C from date of shipment.<br>Aliquot to avoid repeated freezing and thawing.<br>Store at 2-8°C for frequent use.<br>For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.                                                                          |
| Stability Test       | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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