

PAG369Hu01

Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 20 μ L

Cross Reactivity: Mouse;Rat;Porcine.

Applications: WB; IHC; ICC; IP.

[**IMMUNOGEN**]

Immunogen: Recombinant ATP1a1 (His493~Ala660) expressed in *E.coli*

Accession No.: RPG369Hu01

[**APPLICATIONS**]

Western blotting: 0.01-5 μ g/mL

Immunohistochemistry: 5-20 μ g/mL

Immunocytochemistry: 5-20 μ g/mL

Optimal working dilutions must be determined by end user.

[**FORMULATION**]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

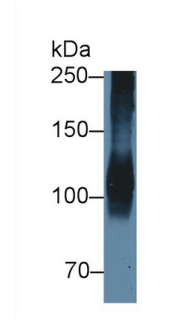
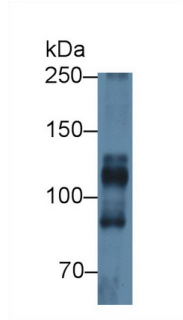
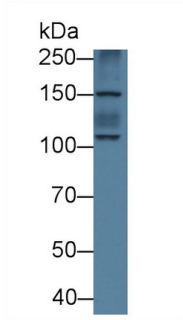
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

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.

[IDENTIFICATION]



Western Blot; Sample: Human 293T cell lysate;

Western Blot; Sample: Mouse Heart lysate;

Western Blot; Sample: Porcine Cerebrum lysate;

Primary Ab: 5µg/ml Rabbit Anti-Human ATP1a1 Antibody

Primary Ab: 4µg/ml Rabbit Anti-Human ATP1a1 Antibody

Primary Ab: 4µg/ml Rabbit Anti-Human ATP1a1 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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(Catalog: SAA544Rb19)

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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.