

PAA712Mu01

Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

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

Traits: Liquid

Concentration: 1mg/ml

UOM: 100ug(100μl)

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant ATP1b3 (Met61~Arg277 (Accession # P97370)) expressed in *E.coli*

Accession No.: RPA712Mu01

[APPLICATIONS]

Western blotting: 0.5-2μg/mL;1:500-2000

Immunohistochemistry: 5-20μg/mL;1:50-200

Immunocytochemistry: 5-20μg/mL;1:50-200

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

[QUALITY CONTROL]

Content: The quality control contains recombinant ATP1b3 disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris (pH6.8), 1% SDS, 150mM NaCl, 50% glycerol, 0.02% BPB,

50mM DTT and 0.02% NaN₃.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 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**]

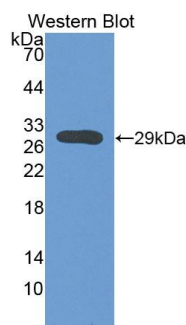
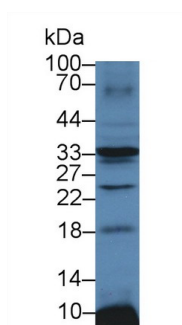
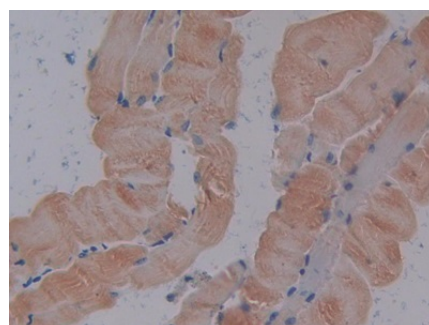


Figure. Western Blot; Sample: Recombinant ATP1b3, Mouse.



Western Blot; Sample: Mouse Heart lysate;

Primary Ab: 2μg/ml Rabbit Anti-Mouse ATP1b3 Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Mouse Skeletal muscle Tissue

[**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.