

PAA578Mu01

Polyclonal Antibody to Aquaporin 9 (AQP9)

Organism Species: *Mus musculus* (Mouse)

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: 200μL

Cross Reactivity: Human;Rat

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant AQP9 (Gln86~Lys297) expressed in *E.coli*

Accession No.: RPA578Mu01

[APPLICATIONS]

Western blotting: 0.01-3μg/mL;

Immunohistochemistry: 5-30μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

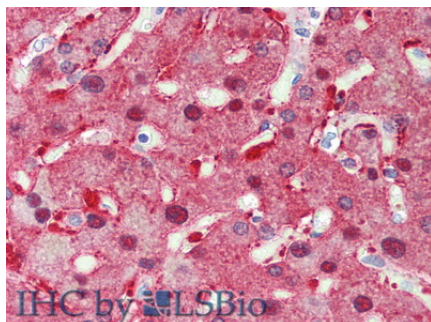
Store at 4°C for frequent use.

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]



Vector Red staining on IHC-P;

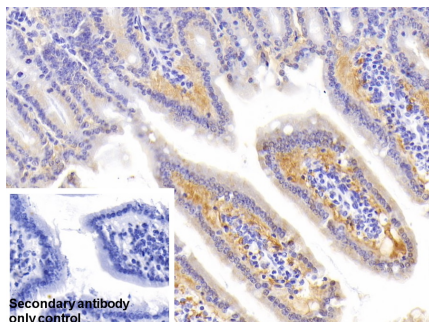
Samples: Human Liver Tissue; Primary

Ab: 10µg/ml Rabbit Anti-Human AQP9

Antibody Second Ab: 2µg/mL HRP-

Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody



DAB staining on IHC-P;

Sample: Mouse Small intestine Tissue

Primary Ab: 20µg/ml Rabbit Anti-Mouse

AQP9 Antibody

Control: Used PBS instead of primary

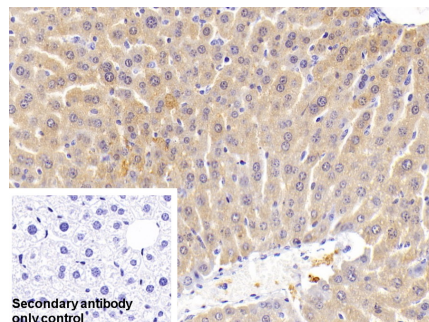
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Liver Tissue

Primary Ab: 20µg/ml Rabbit Anti-Mouse

AQP9 Antibody

Control: Used PBS instead of primary

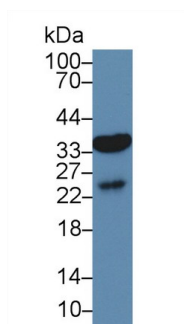
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver
lysate;

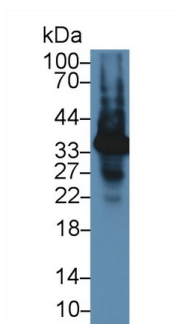
Primary Ab: 3µg/ml Rabbit Anti-Mouse
AQP9 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Liver
lysate;

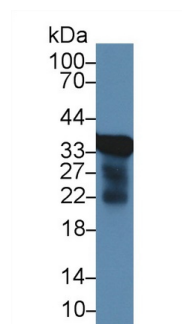
Primary Ab: 3µg/ml Rabbit Anti-Mouse
AQP9 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Liver lysate;
Primary Ab: 3µg/ml Rabbit Anti-Mouse

AQP9 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

[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.