

PAB516Mu01

Polyclonal Antibody to Prominin 1 (PROM1)

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: 0.49mg/mL

**UOM:** 100µL

Cross Reactivity: Human

Applications: WB; IHC

#### [ IMMUNOGEN ]

Immunogen: Recombinant PROM1 (Ala180~Trp435) expressed in E.coli

Accession No.: RPB516Mu01

#### [ APPLICATIONS ]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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.

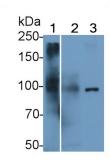
Aliquot and store at -20°C for 24 months.

**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

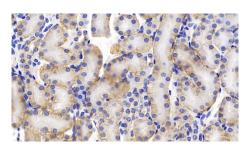
# Coud-Clone Corp.

expiration date under appropriate storage condition.

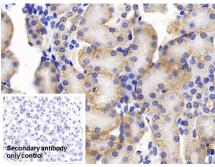
## [ IDENTIFICATION ]



Western Blot; Sample: Lane1: Mouse
Eye lysate; Lane2: Mouse Pancreas
lysate; Lane3: U87MG cell lysate
Primary Ab: 1µg/ml Rabbit Anti-Mouse
PROM1 Antibody Second Ab: 0.2µg/mL
HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



DAB staining on IHC-P; Samples:
Mouse Kidney Tissue; Primary Ab:
20μg/ml Rabbit Anti-Mouse PROM1
Antibody Second Ab: 2μg/mL HRPLinked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



DAB staining on IHC-P;
Sample: Mouse Kidney Tissue
Primary Ab: 20µg/ml Rabbit Anti-Mouse
PROM1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 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.