

**PAB198Mu01**

**Polyclonal Antibody to Nucleoporin 88 (NUP88)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** 100µL

**Cross Reactivity:** Human

**Applications:** WB; IHC; ICC/IF

### [ **IMMUNOGEN** ]

**Immunogen:** Recombinant NUP88 (Leu57~Gly296) expressed in *E.coli*

**Accession No.:** RPB198Mu01

### [ **APPLICATIONS** ]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunofluorescence: 5-20µg/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.

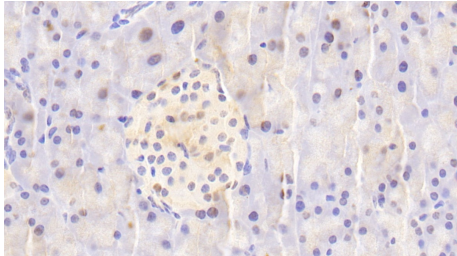
Store at 4°C for frequent use.

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

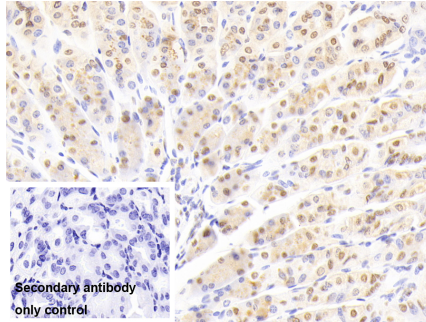
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**



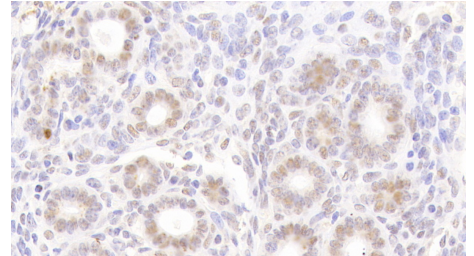
DAB staining on IHC-P;

Samples: Mouse Pancreas Tissue;  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 Antibody  
 Second Ab: 2µg/mL HRP-Linked  
 Caprine Anti-Rabbit IgG Polyclonal  
 Antibody  
 (Catalog: SAA544Rb19)



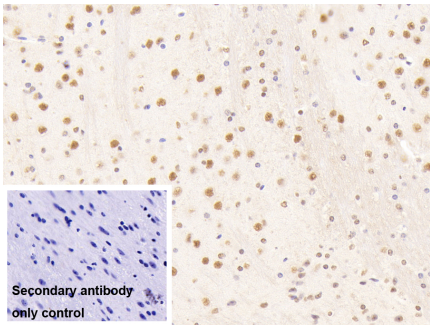
DAB staining on IHC-P;

Samples: Mouse Stomach Tissue;  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 Antibody  
 Second Ab: 2µg/mL HRP-Linked  
 Caprine Anti-Rabbit IgG Polyclonal  
 Antibody  
 (Catalog: SAA544Rb19)



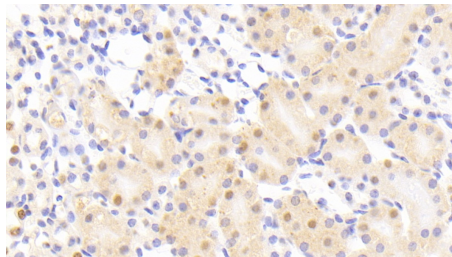
DAB staining on IHC-P;

Samples: Mouse Uterus Tissue;  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 Antibody  
 Second Ab: 2µg/mL HRP-Linked  
 Caprine Anti-Rabbit IgG Polyclonal  
 Antibody  
 (Catalog: SAA544Rb19)



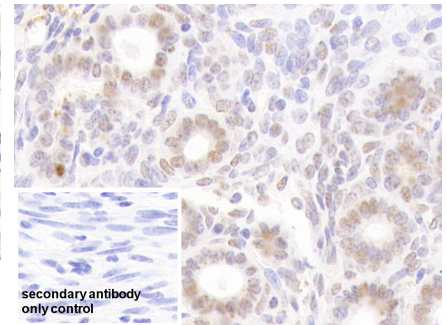
DAB staining on IHC-P;

Samples: Mouse Cerebellum Tissue;  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 Antibody  
 Second Ab: 2µg/mL HRP-Linked  
 Caprine Anti-Rabbit IgG Polyclonal  
 Antibody  
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;

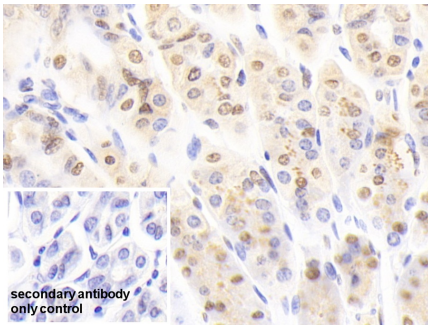
Samples: Mouse Kidney Tissue;  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 Antibody  
 Second Ab: 2µg/mL HRP-Linked  
 Caprine Anti-Rabbit IgG Polyclonal  
 Antibody  
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Uterus Tissue  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse  
 NUP88 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;

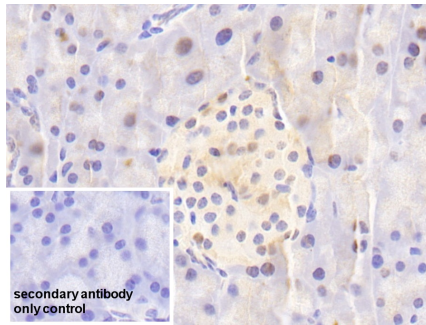
Sample: Mouse Stomach Tissue

Primary Ab: 20µg/ml Rabbit Anti-Mouse NUP88 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;

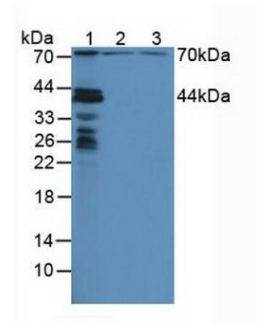
Sample: Mouse Pancreas Tissue

Primary Ab: 20µg/ml Rabbit Anti-Mouse NUP88 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse

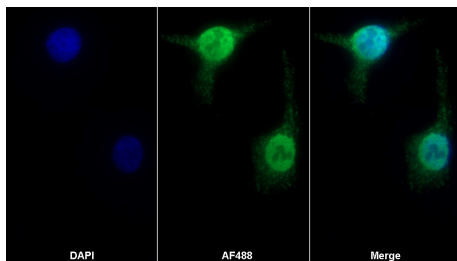
Liver lysate; Lane2: HeLa cell lysate;

Lane3: HepG2 cell lysate;

Primary Ab: 500 Rabbit Anti-Mouse NUP88 Antibody

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

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-Mouse NUP88 Antibody

Second Ab: 2µg/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

**[ 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.