

**PAA164Hu01** 

Polyclonal Antibody to Ubiquitin (Ub)

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:** 200µL

Cross Reactivity: Mouse; Rat; Porcine.

Applications: WB; IHC; ICC; IP.

#### [ IMMUNOGEN ]

Immunogen: Recombinant Ubiquitin (Met1~Gly76) expressed in E.coli

Accession No.: RPA164Hu01

### [ APPLICATIONS ]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 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.

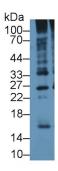
Aliquot and store at -20°C for 24 months.

**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

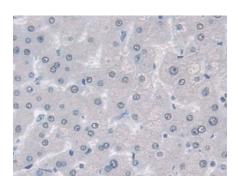
# Coud-Clone Corp.

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

#### [ IDENTIFICATION ]

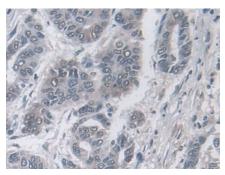


Western Blot; Sample: Human Lung
lysate; Primary Ab: 1µg/ml Rabbit AntiHuman Ub Antibody Second Ab:
0.2µg/mL HRP-Linked Caprine AntiRabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

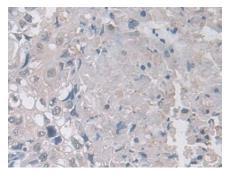


DAB staining on IHC-P;
Samples: Human Liver Tissue;
Primary Ab: 10µg/ml Rabbit AntiHuman Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

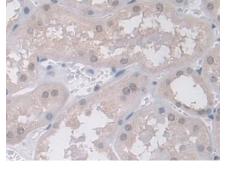
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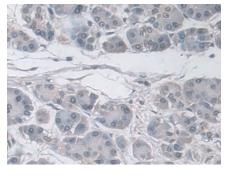
DAB staining on IHC-P;
Samples: Human Liver cancer Tissue;
Primary Ab: 10µg/ml Rabbit AntiHuman Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Lung cancer Tissue;
Primary Ab: 10µg/ml Rabbit AntiHuman Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

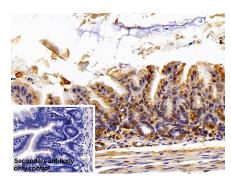


DAB staining on IHC-P;
Samples: Human Kidney Tissue;
Primary Ab: 10µg/ml Rabbit AntiHuman Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Pancreatic cancer
Tissue;
Primary Ab: 10µg/ml Rabbit AntiHuman Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

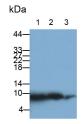
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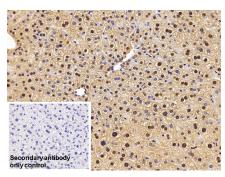


DAB staining on IHC-P; Sample: Mouse Small intestine Tissue Primary Ab: 10µg/ml Rabbit Anti-Human Ub Antibody Control: Used PBS instead of primary antibody Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

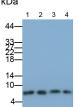


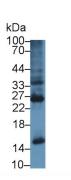


DAB staining on IHC-P; Sample: Mouse Liver Tissue Primary Ab: 10µg/ml Rabbit Anti-Human Ub Antibody Control: Used PBS instead of primary antibody

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

(Catalog: SAA544Rb19)





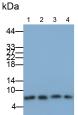
Western Blot; Sample: Human Hela cell lysate:

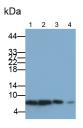
Primary Ab: 1µg/ml Rabbit Anti-Human **Ub Antibody** 

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

Antibody

(Catalog: SAA544Rb19)





Western Blot; Samples: Lane1: HepG2 cell lysate; Lane2: Rat Cerebrum lysate; Lane3: MDA-MB-435S cell lysate;

Primary Ab: 0.1µg/ml Rabbit Anti-**Human Ub Antibody** Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

Western Blot; Samples: Lane1: Rat Cerebrum lysate; Lane2: Rat Liver lysate; Lane3: Porcine Cerebrum lysate; Lane4: Porcine Liver lysate; Primary Ab: 0.05µg/ml Rabbit Anti-Human Ub Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

Cerebrum lysate; Lane2: Mouse Liver lysate; Lane3: MCF7 cell lysate; Lane4: MDA-MB-435S cell lysate; Primary Ab: 0.05µg/ml Rabbit Anti-Human Ub Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

Western Blot; Samples: Lane1: Mouse



## [ 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.