

**PAA522Mu01**

**Polyclonal Antibody to Cytokeratin 14 (CK14)**

**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:** 50µL

**Cross Reactivity:** Mouse;Cavia

**Applications:** WB; ICC/IF

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant CK14 (Met1~Asn484) expressed in *E.coli*

**Accession No.:** RPA522Mu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunofluorescence: 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% NaN<sub>3</sub>, 50% glycerol.

### **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

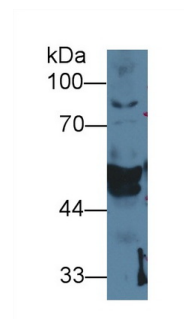
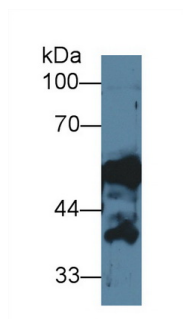
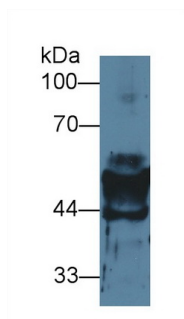
Store at 4°C for frequent use.

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 ]



Western Blot; Sample: Mouse Stomach lysate;

Primary Ab: 2 $\mu$ g/ml Rabbit Anti-Mouse KRT14 Antibody

Second Ab: 0.2 $\mu$ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

Western Blot; Sample: Human Saliva; Primary Ab: 2 $\mu$ g/ml Rabbit Anti-Mouse

KRT14 Antibody

Second Ab: 0.2 $\mu$ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

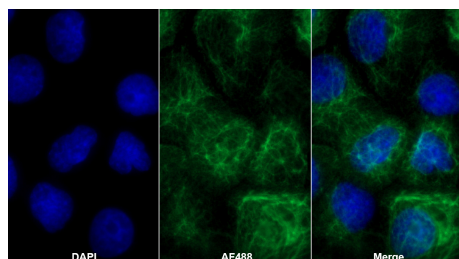
Western Blot; Sample: Cavia Salivary gland lysate;

Primary Ab: 2 $\mu$ g/ml Rabbit Anti-Mouse KRT14 Antibody

Second Ab: 0.2 $\mu$ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: A431 cell

Primary Ab: 20 $\mu$ g/ml Rabbit Anti-Mouse CK14 Antibody

Second Ab: 2 $\mu$ g/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.