

**PAG152Hu01**

**Polyclonal Antibody to Small Ubiquitin Related Modifier Protein 2 (SUMO2)**

**Organism Species: *Homo sapiens (Human)***

***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:** 10µL

**Cross Reactivity:** Mouse;Rat;Porcine

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

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant SUMO2 (Met1~Tyr95) expressed in *E.coli*

**Accession No.:** RPG152Hu01

## **[ 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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

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

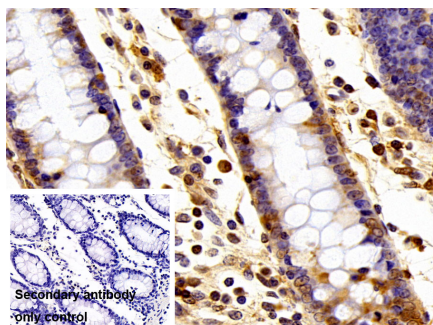
Store at 4°C for frequent use.

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; Sample:

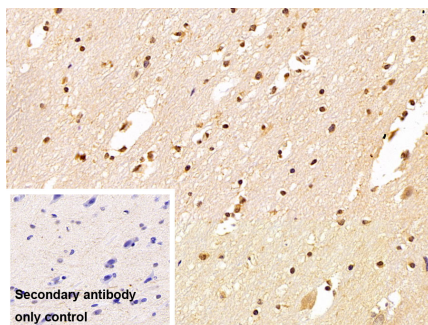
Porcine Colon Tissue Primary Ab:

10 $\mu$ g/ml Rabbit Anti-Human SUMO2

Antibody Control: Used PBS instead of primary antibody Second Ab: 2 $\mu$ g/ml HRP-Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody (Catalog:

SAA544Rb19)



DAB staining on IHC-P;

Sample: Porcine Cerebrum Tissue

Primary Ab: 10 $\mu$ g/ml Rabbit Anti-

Human SUMO2 Antibody

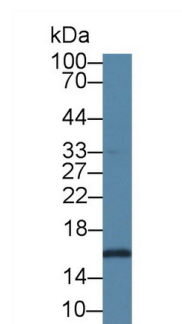
Control: Used PBS instead of primary antibody

Second Ab: 2 $\mu$ g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Porcine Liver lysate;

Primary Ab: 1 $\mu$ g/ml Rabbit Anti-Human

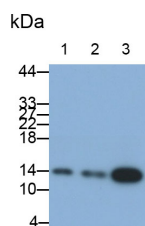
SUMO2 Antibody

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

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Samples: Lane1: Porcine

Cerebrum lysate; Lane2: LO2 cell

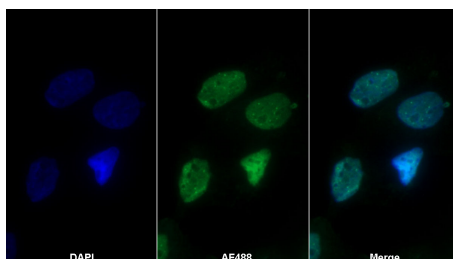
lysate; Lane3: HeLa cell lysate;

Primary Ab: 0.1 $\mu$ g/ml Rabbit Anti-

Human SUMO2 Antibody

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

Caprine Anti-Rabbit IgG Polyclonal



AF488 staining on IF;

Sample: A431 cell

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

Human SUMO2 Antibody

Second Ab: 2 $\mu$ g/ml AF488-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb11)

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.