

**PAA430Mu01**

**Polyclonal Antibody to Sirtuin 2 (SIRT2)**

**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:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** Human;Rat

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant SIRT2 (Glu65~Glu340) expressed in *E.coli*

**Accession No.:** RPA430Mu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-5μg/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% NaN<sub>3</sub>, 50% glycerol.

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

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

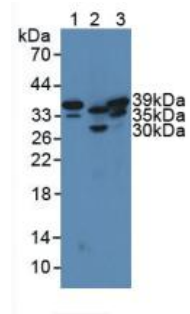
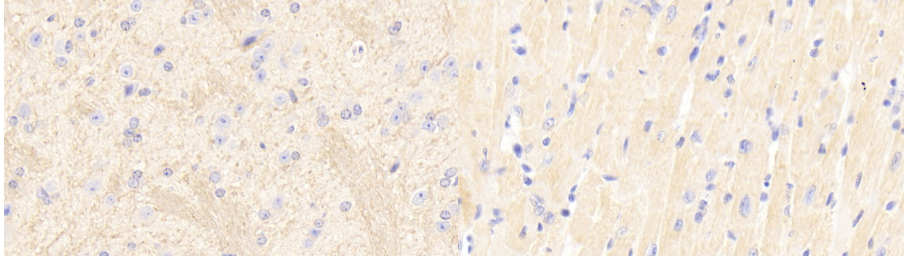
Store at 4°C for frequent use.

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 ]



|                                    |                                       |
|------------------------------------|---------------------------------------|
| DAB staining on IHC-P; Samples:    | DAB staining on IHC-P;                |
| Mouse Cerebrum Tissue; Primary Ab: | Samples: Mouse Cardiac Muscle         |
| 20?g/ml Rabbit Anti-Mouse SIRT2    | Tissue;                               |
| Antibody Second Ab: 2?g/mL HRP-    | Primary Ab: 20?g/ml Rabbit Anti-Mouse |
| Linked Caprine Anti-Rabbit IgG     | SIRT2 Antibody                        |
| Polyclonal Antibody (Catalog:      | Second Ab: 2?g/mL HRP-Linked          |
| SAA544Rb19)                        | Caprine Anti-Rabbit IgG Polyclonal    |
|                                    | Antibody                              |
|                                    | (Catalog: SAA544Rb19)                 |

Figure. Western Blot; Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Heart Tissue; Lane3: Rat Brain Tissue.

## [ 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.