PAE913Ra01

Polyclonal Antibody to Sirtuin 3 (SIRT3)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual
[ PROPERTIES ]

Source: Polyclonal antibody preparation
Host: Rabbit
Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Traits: Liquid
Concentration: 0.57mg/ml
UOM: 50µg(88µl)
Cross Reactivity: N/A
Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]

Immunogen: Recombinant SIRT3 (Pro127~Glu303 (Accession # C6ZII9)) expressed in E.coli
Accession No.: RPE913Ra01

[ APPLICATIONS ]

Western blotting: 0.5-3µg/mL;
Immunohistochemistry: 5-30µg/mL;
Immunocytochemistry: 5-30µg/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 4ºC for frequent use.
    Aliquot and store at -20ºC for 12 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 37ºC 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](image1)

**Figure. Western Blot; Sample:**
Recombinant SIRT3, Rat.

**DAB staining on IHC-P;**
**Samples:** Rat Spinal cord Tissue;
**Primary Ab:** 30µg/ml Rabbit Anti-Rat SIRT3 Antibody
**Second Ab:** 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)

**DAB staining on IHC-P;**
**Samples:** Rat Stomach Tissue;
**Primary Ab:** 30µg/ml Rabbit Anti-Rat SIRT3 Antibody
**Second Ab:** 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal 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.