

PAB083Mu01

Polyclonal Antibody to Superoxide Dismutase 2, Mitochondrial (SOD2)

Organism Species: Mus musculus (Mouse)

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: 0.34mg/mL

**UOM:** 10µL

Cross Reactivity: Human;Rat

Applications: WB; IHC; ICC; IP.

#### [ IMMUNOGEN ]

Immunogen: Recombinant SOD2 (Lys25~Lys222) expressed in E.coli

Accession No.: RPB083Mu01

## [ 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.

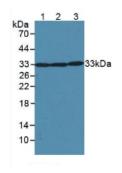
Aliquot and store at -20°C for 24 months.

**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



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

### [ IDENTIFICATION ]



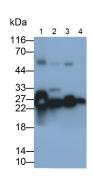


Figure. Western Blot; Sample: Lane1: Western Blot; Samples: Lane1: Mouse

Mouse Heart Tissue; Lane2: Mouse

Heart lysate; Lane2: Mouse Liver

Liver Tissue; Lane3: Rat Brain Tissue. lysate; Lane3: Rat Cerebrum lysate;

Heart lysate; Lane2: Mouse Liver
lysate; Lane3: Rat Cerebrum lysate;
Lane4: Hela cell lysate;
Primary Ab: 0.15µg/ml Rabbit Anti-

Mouse SOD2 Antibody
Second Ab: 0.2?g/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.