



[Go to Product page](#)

Datasheet for ABIN7429199

anti-SOD3 antibody (AA 25-251)

3 Images

Overview

Quantity:	100 µL
Target:	SOD3
Binding Specificity:	AA 25-251
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)
Immunogen:	Recombinant Superoxide Dismutase 3, Extracellular (SOD3) corresponding to Ser25~Thr251 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SOD3. It has been selected for its ability to recognize SOD3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SOD3
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Target Details

Alternative Name: Superoxide Dismutase 3, Extracellular ([SOD3 Products](#))

Background: SOD-3, EC-SOD, Extracellular Superoxide Dismutase Cu-Zn

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL
1:500-2000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 Optimal working dilutions must be determined by end user.

Comment: 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.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

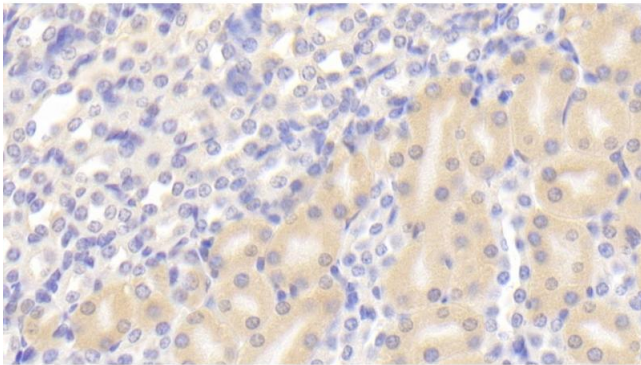
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

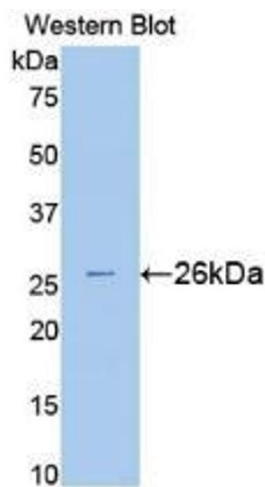
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



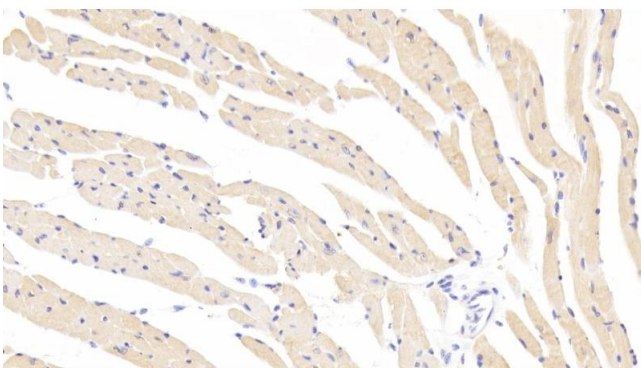
Immunohistochemistry

Image 1. Detection of SOD3 in Mouse Kidney Tissue using Polyclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)



Western Blotting

Image 2. Detection of Recombinant SOD3, Mouse using Polyclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)



Immunohistochemistry

Image 3. Detection of SOD3 in Mouse Cardiac Muscle Tissue using Polyclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)