antibodies

Datasheet for ABIN7426946 anti-SOD1 antibody (AA 2-152)

4 Images



Overview

Quantity:	100 μL
Target:	SOD1
Binding Specificity:	AA 2-152
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Superoxide Dismutase 1 (SOD1)
Immunogen:	Recombinant Superoxide Dismutase 1 (SOD1) corresdonding to Ala2~Lys152 (Accession # P00442)
Clone:	C4
lsotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SOD1. It has been selected for its ability to recognize SOD1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	SOD1
Alternative Name:	Superoxide Dismutase 1 (SOD1 Products)
Background:	ALS, ALS1, IPOA, Superoxide Dismutase 1, Soluble, Amyotrophic Lateral Sclerosis 1,Adult, Superoxide dismutase [Cu-Zn]
Pathways:	Sensory Perception of Sound, Transition Metal Ion Homeostasis
Application Details	

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL
	1:30-120 Immunocytochemistry: 5-20 μg/mL 1:30-120 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.

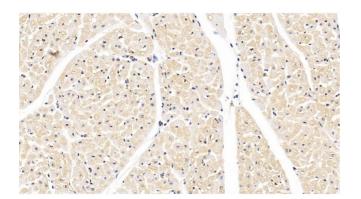
Restrictions:

For Research Use only

Handling

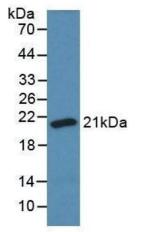
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 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

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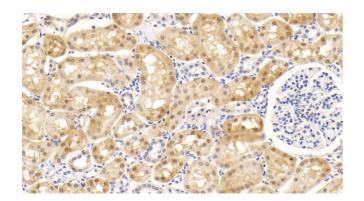
Immunohistochemistry

Image 1. Detection of SOD1 in Bovine Cardiac Muscle Tissue using Monoclonal Antibody to Superoxide Dismutase 1 (SOD1)



Western Blotting

Image 2. Detection of Recombinant SOD1, Bovine using Monoclonal Antibody to Superoxide Dismutase 1 (SOD1)



Immunohistochemistry

Image 3. Detection of SOD1 in Bovine Kidney Tissue using Monoclonal Antibody to Superoxide Dismutase 1 (SOD1)

Please check the product details page for more images. Overall 4 images are available for ABIN7426946.

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