

Datasheet for ABIN7177879

anti-SOD1 antibody (AA 2-154)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SOD1
Binding Specificity:	AA 2-154
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Mouse Superoxide dismutase [Cu-Zn] protein (2-154AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	SOD1
Alternative Name:	Sod1 (SOD1 Products)
Background:	Background: Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

Target Details

	Aliases: Sod1 antibody, Superoxide dismutase [Cu-Zn] antibody, EC 1.15.1.1 antibody
UniProt:	P08228
Pathways:	Sensory Perception of Sound, Transition Metal Ion Homeostasis

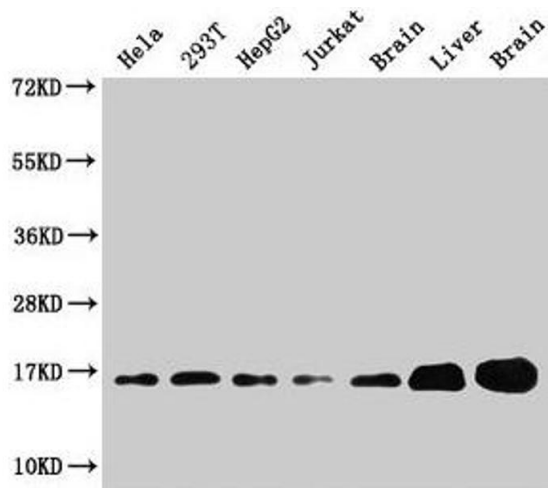
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:10-1:100, IP:1:200-1:2000,
Restrictions:	For Research Use only

Handling

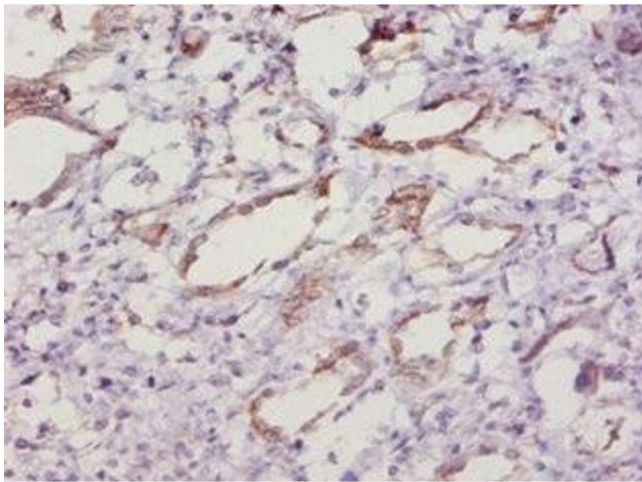
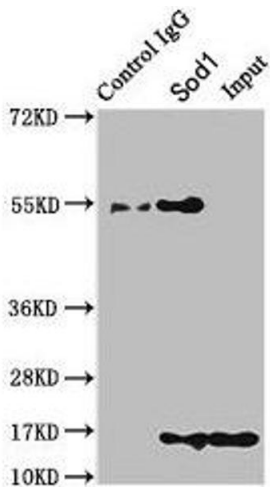
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western Blot Positive WB detected in: HeLa whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, Rat brain tissue, Rat liver tissue, Mouse brain tissue All lanes: Sod1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 16 kDa Observed band size: 16 kDa



Western Blotting

Image 2. Immunoprecipitating Sod1 in HEK293 whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7177879 in HEK293 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7177879 (8 µg) + HEK293 whole cell lysate (500 µg) Lane 3: HEK293 whole cell lysate (10 µg)

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7177879 at dilution of 1:10