

Datasheet for ABIN6265218  
**anti-SOD3 antibody (Internal Region)**



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2 Images

## Overview

Quantity:	100 µL
Target:	SOD3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthesized peptide derived from human SOD3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	SOD3 Antibody detects endogenous levels of total SOD3.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	SOD3
Alternative Name:	SOD3 ( <a href="#">SOD3 Products</a> )

### Target Details

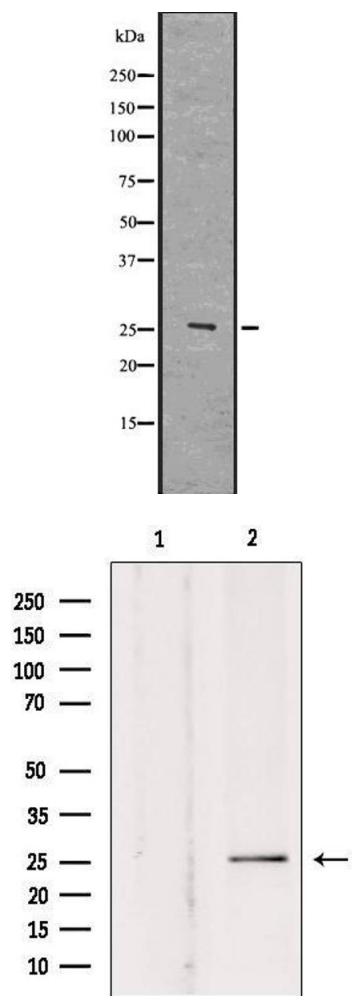
Background:	Description: Protect the extracellular space from toxic effect of reactive oxygen intermediates by converting superoxide radicals into hydrogen peroxide and oxygen. Gene: SOD3
Molecular Weight:	26 kDa
Gene ID:	6649
UniProt:	<a href="#">P08294</a>

### Application Details

Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of SOD-3 using HuvEc whole lysates.

Western Blotting

**Image 2.** Western blot analysis of extracts from rat brain, using SOD-3 Antibody. Lane 1 was treated with the blocking peptide. An arrow points to the band in lane 2 at approximately 25 kDa.