

**Anti-SOD1 / Cu-Zn SOD Antibody**  
**Rabbit Anti Polyclonal Antibody**  
**Catalog # ALS17820****Specification**

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**Anti-SOD1 / Cu-Zn SOD Antibody - Product Information**

Application	WB, IHC-P, E, IP
Primary Accession	<a href="#">P00441</a>
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Sheep, Xenopus, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15936

**Anti-SOD1 / Cu-Zn SOD Antibody - Additional Information****Gene ID** 6647**Alias Symbol** SOD1**Other Names**

SOD1, ALS, ALS1, Cu/Zn superoxide dismutase, HSod1, Homodimer, IPOA, SOD, soluble, SOD, Superoxide dismutase [Cu-Zn], Superoxide dismutase 1, Indophenoloxidase A, Superoxide dismutase, cystolic

**Target/Specificity**

detects a 23 kDa protein in human (and a 19 kDa protein in other species) on SDS-PAGE immunoblots, corresponding to the molecular mass of Cu/Zn SOD. Positive control: HeLa cell lysate.

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-SOD1 / Cu-Zn SOD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-SOD1 / Cu-Zn SOD Antibody - Protein Information****Name** SOD1 ([HGNC:11179](#))**Function**

Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

**Cellular Location**

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic; the pathogenic variants ALS1 Arg-86 and Ala-94 gradually aggregate and accumulates in mitochondria.

## **Anti-SOD1 / Cu-Zn SOD Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-SOD1 / Cu-Zn SOD Antibody - Images**