

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

Specification

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

Application	WB, IHC-P, E, IP
Primary Accession	P00441
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