

Anti-SOD1 / Cu-Zn SOD Antibody

Rabbit Anti Polyclonal Antibody

Catalog # ALS17820

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
Concentration (mg/ml)	1 mg/ml

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.

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 accumulate in mitochondria.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.