

## SOD-1 Polyclonal Antibody Catalog # AP72547

### Specification

#### SOD-1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P00441</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

#### SOD-1 Polyclonal Antibody - Additional Information

##### Gene ID 6647

##### Other Names

SOD1; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1

##### Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

##### Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

##### Storage Conditions

-20°C

#### SOD-1 Polyclonal 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

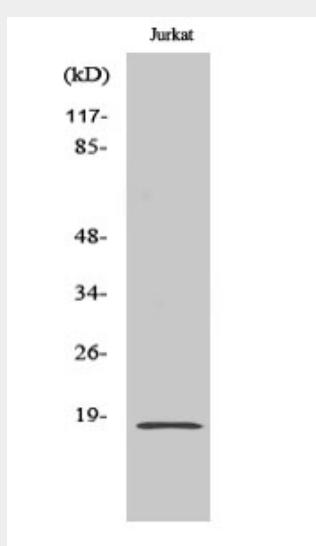
Cytoplasm. Nucleus. Note=Predominantly cytoplasmic; the pathogenic variants ALS1 Arg-86 and Ala-94 gradually aggregates and accumulates in mitochondria.

#### SOD-1 Polyclonal 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](#)

**SOD-1 Polyclonal Antibody - Images**

Western Blot analysis of various cells using SOD-1 Polyclonal Antibody diluted at 1:1000

**SOD-1 Polyclonal Antibody - Background**

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