

## **SOD-1 Polyclonal Antibody**

Catalog # AP72547

### **Specification**

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

Application WB
Primary Accession P00441

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.

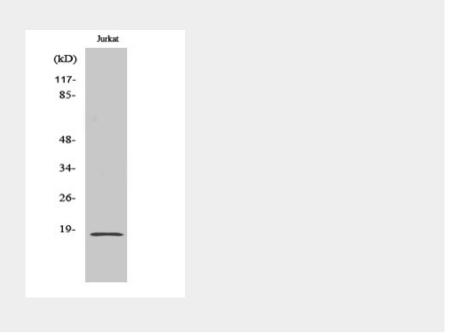
- Western Blot
- Blocking Peptides
- Dot Blot



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- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **SOD-1 Polyclonal Antibody - Images**



**SOD-1 Polyclonal Antibody - Background** 

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