

**Superoxide Dismutase Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15550**

**Specification**

---

**Superoxide Dismutase Antibody - Product Information**

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

**Superoxide Dismutase Antibody - Additional Information**

**Gene ID** 6647

**Other Names**

Superoxide dismutase [Cu-Zn], 1.15.1.1, Superoxide dismutase 1, hSod1, SOD1

**Target/Specificity**

Bovine Superoxide Dismutase

**Reconstitution & Storage**

Store at 4°C for short term applications. For long term storage, aliquot and store at -20°C.

**Precautions**

Superoxide Dismutase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Superoxide Dismutase 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.

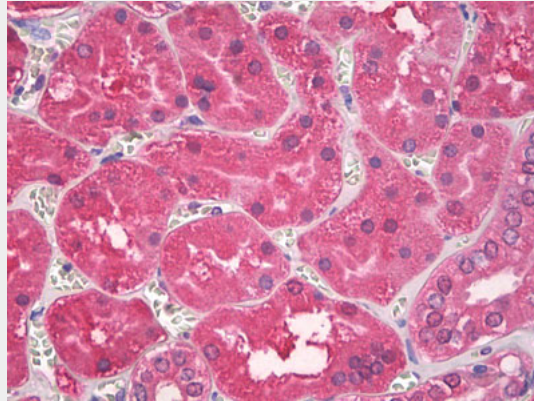
**Superoxide Dismutase Antibody - Protocols**

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

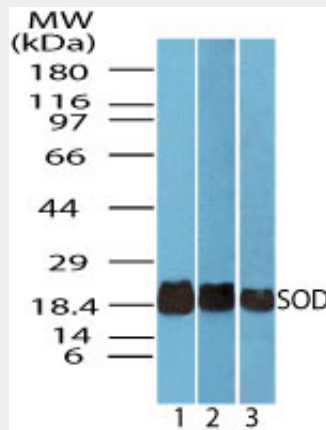
- [Western Blot](#)

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

### Superoxide Dismutase Antibody - Images



Anti-Superoxide Dismutase antibody IHC of human kidney, tubules.



Western blot of SOD in liver lysate of 1) human, 2) mouse and 3) rat using ALS15550 at 0.025 ug/ml.