10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SOD1 / SOD Antibody
Rabbit Polyclonal Antibody
Catalog # ALS14846

Specification

SOD1 / SOD Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P00441
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**16kDa KDa**

SOD1 / SOD Antibody - Additional Information

Gene ID 6647

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

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
SOD1 / SOD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SOD1 / 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. Mitochondrion. Nucleus. Note=Predominantly cytoplasmic; the pathogenic variants ALS1 Arg-86 and Ala-94 gradually aggregates and accumulates in mitochondria.

Volume
50 µl

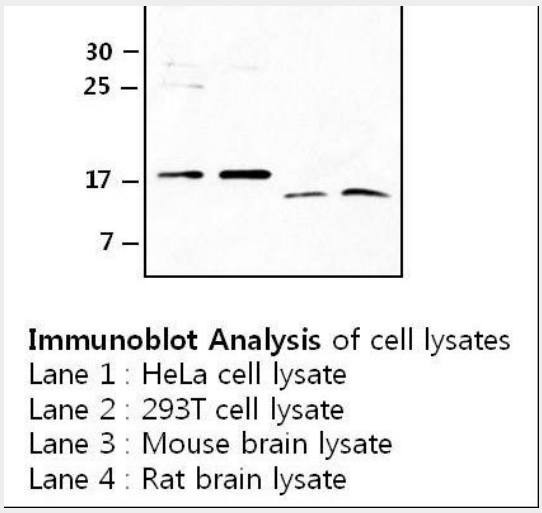
SOD1 / SOD Antibody - Protocols

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

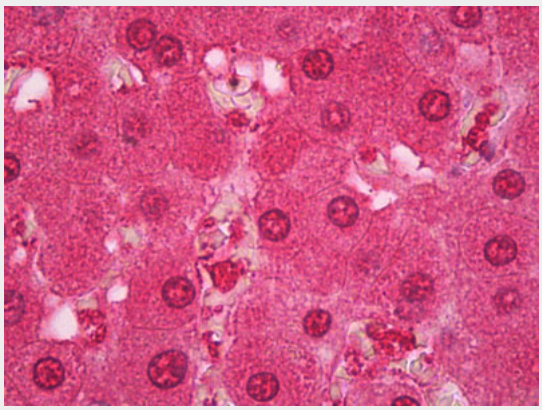
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SOD1 / SOD Antibody - Images



0



Anti-SOD1 antibody IHC of human liver.

SOD1 / SOD Antibody - Background

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

SOD1 / SOD Antibody - References

Sherman L.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:5465-5469(1983).
Levanon D.,et al.EMBO J. 4:77-84(1985).
Hallewell R.A.,et al.Nucleic Acids Res. 13:2017-2034(1985).
Kajihara J.,et al.J. Biochem. 104:851-854(1988).
Xu Y.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999