

Product Datasheet

SOD1 Antibody

Catalog No: CY6666

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



www.abways.com

Information

UniProt ID: P00441

All Names: ALS1; Amyotrophic lateral sclerosis 1 adult; Cu/Zn superoxide dismutase; Epididymis secretory protein Li 44; HEL S 44; Homodimer; hSod1; Indophenoloxidase A; IPOA; Mn superoxide dismutase; SOD soluble; SOD1; SOD2; SODC; Superoxide dismutase 1 soluble;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 18 kDa

Application

WB 1:500~1:2000

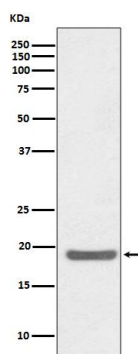
IHC 1:50~1:200

ICC/IF 1:50~1:200

FC 1:50

Background

SOD1, Cu/Zn superoxide dismutase, is a major antioxidant enzyme that catalyzes the conversion of superoxide anion to hydrogen peroxide and molecular oxygen. The mechanism by which mutant SOD1 induces the neurodegeneration observed in ALS is still unclear. Mutant SOD1 proteins become misfolded and consequently oligomerize into high molecular weight species that aggregate and end up in proteinaceous inclusions.



Western blot analysis of SOD1 expression in Jurkat cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com