

SOD1 antibody

Cat. No. GTX28866

Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package
1 ml

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent

Not tested in other applications.

Calculated MW 16 kDa. ([Note](#))

Product Note

Shown to be specific by Western blotting and by gel diffusion techniques. Superoxide dismutases (SOD) are found in all aerobic organisms, their physiological function appears to be to protect cells from free radicals by scavenging superoxide anions. They catalyze the dismutation of superoxide anions to oxygen and hydrogen peroxide. SOD (Cu/Zn) is a cytosolic enzyme. SOD (Cu/Zn) is a dimer of two identical subunits MW 16,000.

Properties

Form	Liquid
Buffer	Glycine Buffered Saline pH 7.4, 0.099% sodium azide, 0.1% EACA, 0.01% Benzamidine, 1 mM EDTA
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	33.50 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human SOD Cu/Zn purified from human erythrocytes.
Purification	IgG fraction
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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