

Product Datasheet

Superoxide Dismutase 1/SOD1 Antibody (orb27559)

Description

Superoxide Dismutase 1/SOD1 Antibody

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ICC, IHC, WB

Applications

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of Human SOD1 (113-129aa IIGRTLIVHEKADDLGK), different from the mouse sequence by two amino acids.

Form/Appearance

Lyophilized

Concentration

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Note

For research use only

Application notes

Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. . Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Isotype

Rabbit IgG

Clonality

Polyclonal

MW

15936 MW

Uniprot ID

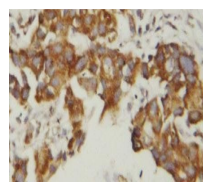
[P00441](#)

Sensitivity

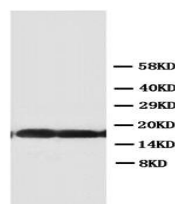
10pg/ml

Dilution Range

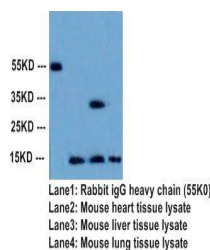
Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Mouse, Rat, By Heat Immunocytochemistry , 0.5-1µg/ml, Human, Mouse, RatImmunohistochemistry (Frozen Section), 0.5-1µg/ml, Mouse, Rat, HumanWestern blot, 0.1-0.5µg/ml, Human,



Immunocytochemical staining of paraffin ...



Western blot analysis of COLO320 Cell Ly...



Western blot analysis of Mouse's liver, ...