

Product Datasheet

Superoxide Dismutase 1/SOD1 Antibody (orb251585)

Description

Superoxide Dismutase 1/SOD1 Antibody

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested Applications

FC, ICC, IF, IHC, WB

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of Human SOD1 (116-146aa RTLVVHEKADDLGKGGNEESTKTGNAGSRLA), different from the related mouse and rat sequences 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

WB: The detection limit for SOD1 is approximately 0.1ng/lane under reducing conditions. Tested Species: In-house tested species with positive results. 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

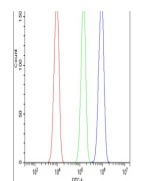
[P00441](#)

Dilution Range

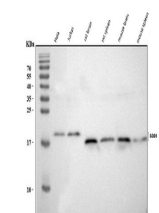
Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat
Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat
Immunocytochemistry/Immunofluorescence, 2 µg/ml, Human Flow Cytometry, 1-3 µg/1x10⁶ cells, Human

Expiration Date

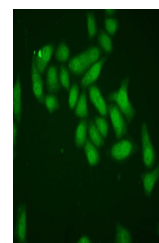
12 months from date of receipt.



Flow Cytometry analysis of A549 cells us...



WB analysis of SOD1 using anti-SOD1 anti...



IF analysis of SOD1 using anti-SOD1 anti...