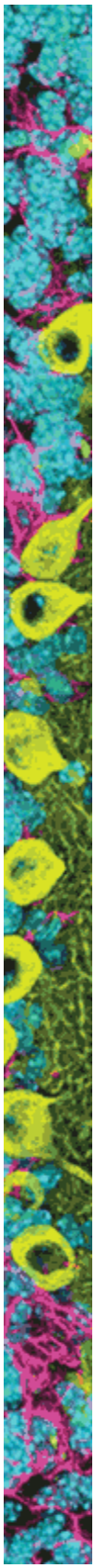
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## NB100-1969

# Superoxide Dismutase 2 Antibody



### Unit Size
0.05 ml

### Concentration
1.0 mg/ml

### Storage
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

### Applications
WB, ELISA, IHC, IHC-P, IP

### Species
Human, Mouse, Rat, Bovine, Canine, Chicken, Gerbil, Guinea Pig, Hamster, Primate, Porcine, Rabbit, Sheep, Xenopus

### Host
Rabbit

### Clonality
Polyclonal

### Purity
Immunogen affinity purified

### Preservative
0.1% Sodium Azide

Updated 3/9/2013 2.0

### Specificity/Sensitivity
Detects 25kDa protein, corresponding to the molecular mass of Mn superoxide dismutase (SOD) on SDS-PAGE immunoblots.

### Immunogen
Full length protein (Human).

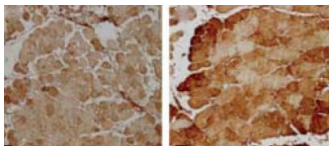
### Recommended Dilutions
ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot 0.2 ug/ml

### Buffer
PBS (pH7.0) and 50% glycerol

### Uses
Western Blot, Immunoprecipitation, ELISA, Immunohistochemistry-Paraffin.

### References (more available at www.novusbio.com/NB100-1969)
Lee DW, Rajagopalan S, Siddiq A, et al. Inhibition of prolyl hydroxylase protects against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced neurotoxicity: model for the potential involvement of the hypoxia-inducible factor pathway in Parkinson disease. J Biol Chem;284 (42):29065-76. 2009 Oct 16. [PMID: 19679656

### Images
Immunohistochemistry: Superoxide Dismutase 2 Antibody [NB100-1969] - Localization of Mn SOD within the muscle fibres of LPS-injected rats (Left: Untreated, Right: treated with 3mmol*kg-1 NAC) . Courtesy of E. Barreiro, IMIM, Spain.



*Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months.* ***For more information on our guarantee, please visit www.novusbio.com/guarantee.***

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