

Product Datasheet

SOD1/Cu-Zn SOD Antibody

R-168-100

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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R-168-100**SOD1/Cu-Zn SOD Antibody****Product Information**

Unit Size	0.1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with deionized water.
Purity	Immunogen affinity purified
Buffer	No buffer

Product Description

Host	Rabbit
Gene ID	6647
Gene Symbol	SOD1
Species	Human
Reactivity Notes	Human, other species have not yet been tested.
Specificity/Sensitivity	This has been shown to be specific for superoxide dismutase (SOD1) protein.
Immunogen	A synthetic peptide (HEKADDLGKGGNEESTKTG) corresponding to the amino acids 121-139 of human superoxide dismutase (SOD1) conjugated to diphtheria toxin has been used as the immunogen. The peptide is homologous with the corresponding sequence derived from superoxide dismutase (SOD1) protein in orangutan, chimpanzee and fission yeast.

Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	IHC-P, WB. This antibody works superbly in Immunohistochemistry on frozen or paraffin embedded tissues. Antigen retrieval has been used in testing but may not be necessary. Typical working dilutions for routine immunohistochemistry are 1: 100 to 1: 1000 depending on tissue and detection method. For western blotting a dilution range of 1: 1000 to 1: 4000 is recommended. The optimal dilution should be determined by the end user.



Publications

Murakami T et al. J. Neurol. Sci. 189:45-47. 2001-01-01 [PMID: 11535232]

Gellera C et al. Neuromuscul. Disord. 11:404-410. 2001-01-01 [PMID: 11369193]

Penco S et al. Neurology 53:404-406. 1999-01-01 [PMID: 10430435]

Morita M et al. Neurosci. Lett. 205:79-82. 1996-01-01 [PMID: 8907321]

Jabusch JR et al. Biochemistry 19:2310-2316. 1980-01-01 [PMID: 6770891]

Sherman L et al. Proc. Natl. Acad. Sci. U.S.A. 80:5465-5469. 1983-01-01 [PMID: 6577438]

Hallewell RA et al. Nucleic Acids Res. 13:2017-2034. 1985-01-01 [PMID: 3889846]

Levanon D, Lieman-Hurwitz J, Dafni N et al. Architecture and anatomy of the chromosomal locus in human chromosome 21 encoding the Cu/Zn superoxide dismutase. EMBO J. 4:77-84. 1985-01-01 [PMID: 3160582]

Kajihara J, Enomoto M, Nishijima K et al. Comparison of properties between human recombinant and placental copper-zinc SOD. J. Biochem. 104:851-854. 1988-01-01 [PMID: 2853161]

Alexander MD, Traynor BJ, Miller N, Corr B, Frost E, McQuaid S, Brett FM, Green A, Hardiman O. True sporadic ALS associated with a novel SOD-1 mutation. Ann Neurol. 52(5):680-3. 2002-11-01 [PMID: 12402272]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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