

Product Datasheet

SOD2/Mn-SOD Antibody - BSA Free NBP1-86169-25ul

Unit Size: 25ul

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

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Publications: 3

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NBP1-86169-25ul

SOD2/Mn-SOD Antibody - BSA Free

Product Information

Unit Size	25ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

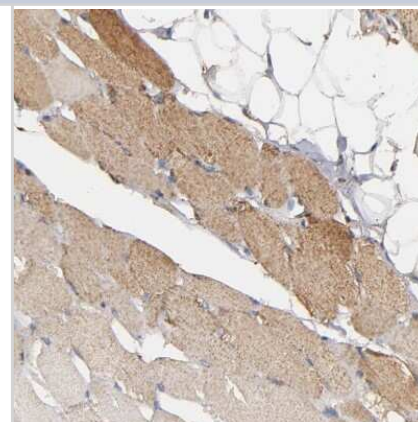
Description	Novus Biologicals Rabbit SOD2/Mn-SOD Antibody - BSA Free (NBP1-86169) is a polyclonal antibody validated for use in IHC and WB. Anti-SOD2/Mn-SOD Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6648
Gene Symbol	SOD2
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID:19351664)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VCGTSRQLAPVLGYLGSRQKHSLPDLPYDYGALEPHINAQIMQLHHSKHHAAY VNNLNVTEEKYQEALAKGDVTAQIALQPALKFNNGGGHINHSIFWTNLSPNGGG EPKGELLEAIKRDFGSFDFKEKLTAASVGVQGSQGWGL

Product Application Details

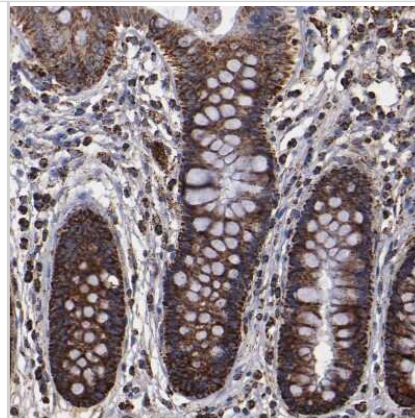
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	IHC reported in scientific literature (PMID: 23646114). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

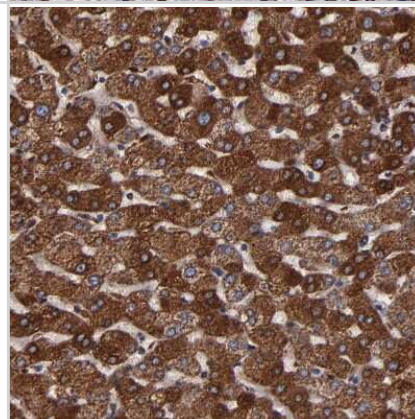
Immunohistochemistry-Paraffin: SOD2/Mn-SOD Antibody [NBP1-86169]
- Staining of human skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



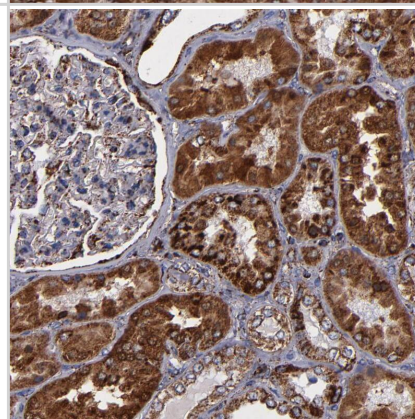
Immunohistochemistry-Paraffin: SOD2/Mn-SOD Antibody [NBP1-86169]
- Staining of human colon shows strong granular cytoplasmic positivity in glandular cells.



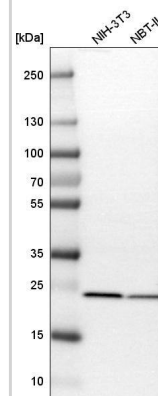
Immunohistochemistry-Paraffin: SOD2/Mn-SOD Antibody [NBP1-86169]
- Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



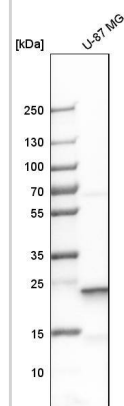
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line U-87 MG.



Publications

Arimappamagan A, Somasundaram K, Thennarasu K et al. A Fourteen Gene GBM Prognostic Signature Identifies Association of Immune Response Pathway and Mesenchymal Subtype with High Risk Group. PLoS One 2013-01-01 [PMID: 23646114] (IF/IHC)

Lindfors C, Nilsson IA, Garcia-Roves PM et al. Hypothalamic mitochondrial dysfunction associated with anorexia in the anx/anx mouse. Proc Natl Acad Sci U S A 2011-11-01 [PMID: 22025706]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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