

Product Datasheet

SOD2/Mn-SOD Antibody - BSA Free NB200-165

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB200-165

SOD2/Mn-SOD Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

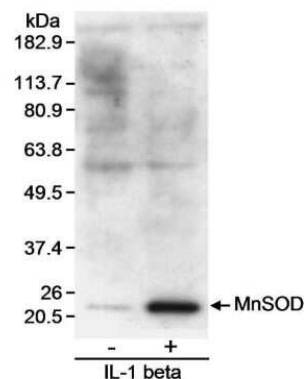
Host	Goat
Gene ID	6648
Gene Symbol	SOD2
Species	Rat
Immunogen	A synthetic peptide between amino acids 175-222 of human manganese superoxide dismutase encoded within exon 5 (LocusLink ID 6648).

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000-1:4000
Application Notes	This antibody may be used for Western Blot, where a band should be seen at ~25 kDa. Suggested working dilutions: * Western Blot - 1:1,000-1:4,000 *The investigator should determine the optimal working dilution for a specific application.

Images

Western Blot: SOD2/Mn-SOD Antibody [NB200-165] - Whole cell lysate (30 ug) from rat vascular smooth muscle cells treated with IL-1 beta (3 ng/ml) for 24 hours (+) or untreated (-). Antibody used at 0.4 ug/ml.



Publications

Teng BT, Tam EW, Benzie IF et al. Protective effect of caspase inhibition on compression-induced muscle damage. *J Physiol* 2011-07-01 [PMID: 21540338]

Ryan MJ, Jackson JR, Hao Y et al. Inhibition of xanthine oxidase reduces oxidative stress and improves skeletal muscle function in response to electrically stimulated isometric contractions in aged mice. *Free Radic Biol Med* 2011-07-01 [PMID: 21530649]

Siu PM, Alway SE. Aging alters the reduction of pro-apoptotic signaling in response to loading-induced hypertrophy. *Exp Gerontol* 2006-02-01 [PMID: 16377111]

Siu PM, Alway SE. Age-related apoptotic responses to stretch-induced hypertrophy in quail slow-tonic skeletal muscle. *Am J Physiol Cell Physiol* 2005-11-01 [PMID: 15972839]

Siu PM, Alway SE. Mitochondria-associated apoptotic signalling in denervated rat skeletal muscle. *J Physiol* 2005-05-01 [PMID: 15774533]

Siu PM, Alway SE. Id2 and p53 participate in apoptosis during unloading-induced muscle atrophy. *Am J Physiol Cell Physiol* 2005-05-01 [PMID: 15601750]





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Products Related to NB200-165

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-52079-0.1mg	Recombinant Mouse SOD2/Mn-SOD His Protein

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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