

SOD2 antibody

Cat. No. GTX13533

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, EIA, IHC
Reactivity	Human, Mouse, Rat, Rabbit, Sheep, Bovine, Dog, Hamster, Pig, Monkey, Xenopus laevis

References (1)

Package

50 µg

Applications

Application Note

EIA: Use at an assay dependent dilution. IHC: Use at a concentration of 1 µg/ml. IP: Use at a concentration of 10 µg/ml. WB: Use at a dilution of 1/5000. Detects a band of approximately 25 kDa (predicted molecular weight: 26.6 kDa). Optimal dilutions/concentrations should be determined by the end user.

Calculated MW 25 kDa. ([Note](#))

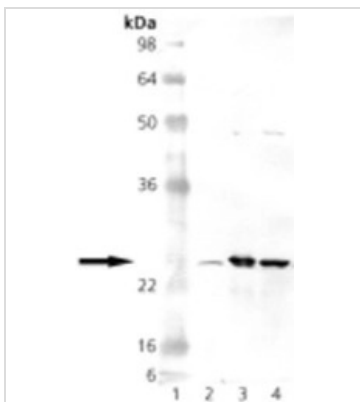
Properties

Form	Liquid
Buffer	50mM Sodium Phosphate, 0.1% BSA, 50% Glycerol
Preservative	0.1% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length protein (Human).
Purification	Affinity purified From polyclonal serum
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



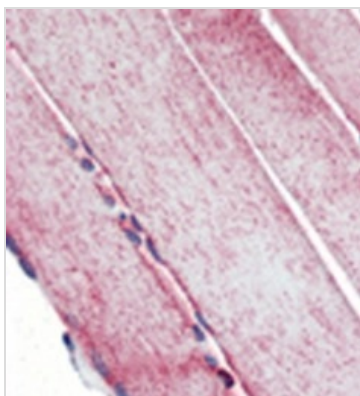
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DATA IMAGES



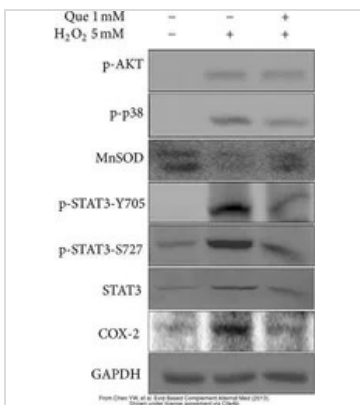
GTX13533 WB Image

"Western blot analysis of MnSOD: Lane 1: MW Marker Lane 2: HeLa Cell Lysate Lane 3: Mouse Brain Tissue Extract Lane 4: Rat Brain Tissue Extract"



GTX13533 IHC Image

Immunohistochemistry analysis of human skeletal muscle tissue stained with MnSOD, pAb at 10µg/ml.



GTX13533 WB Image

The data was published in the journal Evid Based Complement Alternat Med in 2013. [PMID: 23573126](https://pubmed.ncbi.nlm.nih.gov/23573126/)



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