

## SOD2 antibody

**Cat. No. GTX13533**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IP, EIA, IHC
<b>Reactivity</b>	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.

<b>Calculated MW</b>	25 kDa. ( <a href="#">Note</a> )
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## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	50mM Sodium Phosphate, 0.1% BSA, 50% Glycerol
<b>Preservative</b>	0.1% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length protein (Human).
<b>Purification</b>	Affinity purified From polyclonal serum
<b>Conjugation</b>	Unconjugated

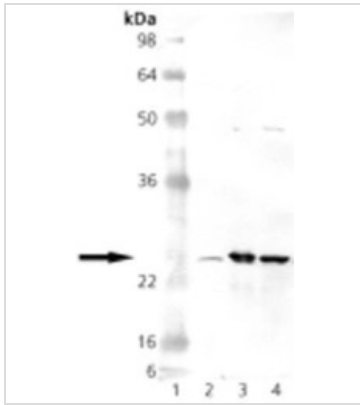
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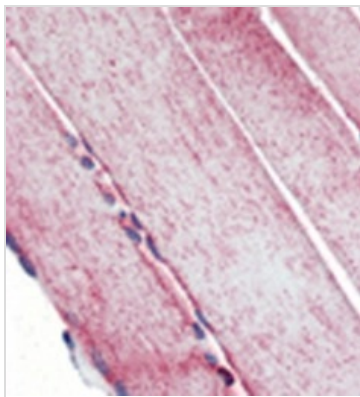
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DATA IMAGES



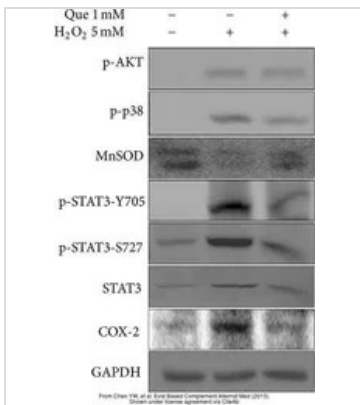
**GTX13533 WB Image**

"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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