

## SOD1 antibody

Cat. No. GTX100554

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
<b>Reactivity</b>	Human, Mouse, Rat, Alligator, Bird

References ( 76 )

★★★★★ Review ( 2 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
ELISA	1:1000-1:10000
Sandwich ELISA	Assay dependent

**Note : Capture: GTX100554 , Detection: GTX89049**

Not tested in other applications.

**Calculated MW** 16 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<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>	0.15 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human SOD1. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



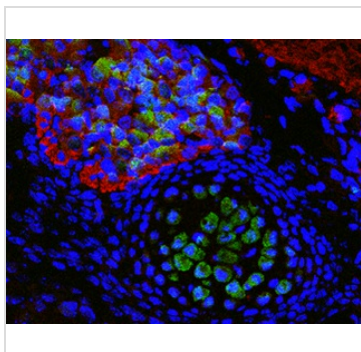
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## Note

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.

## DATA IMAGES



### GTX100554 IHC-P Image

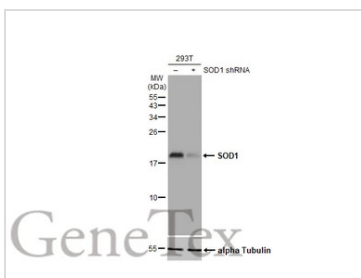
Immunofluorescence photomicrographs of paraffin-embedded mouse fetal brain.

Green: SOD1 antibody (GTX100554) diluted at 1:200. The signal was developed using goat anti-rabbit IgG antibody (Dylight488) (GTX213110-04).

Red: beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:100. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05).

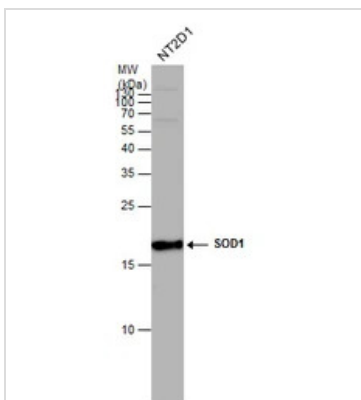
Blue: Nuclear staining with Hoechst 33342.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX100554 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with SOD1 antibody (GTX100554) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX100554 WB Image

SOD1 antibody detects SOD1 protein by western blot analysis. Whole cell extracts (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with SOD1 antibody (GTX100554) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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