

SOD2 antibody [GT17112]

Cat. No. GTX630560

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

APPLICATION

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

Not tested in other applications.

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

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	Recombinant protein encompassing a sequence within the center region of human SOD2. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

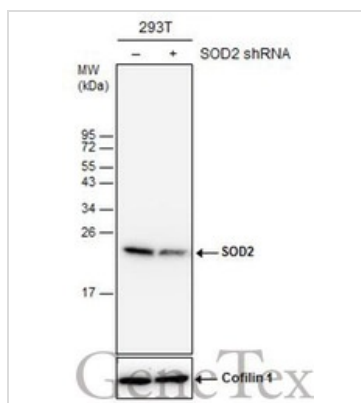
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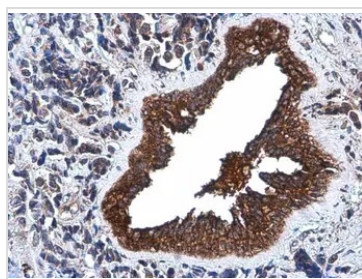


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DATA IMAGES

**GTX630560 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with SOD2 antibody [GT17112] (GTX630560) diluted at 1:5000.

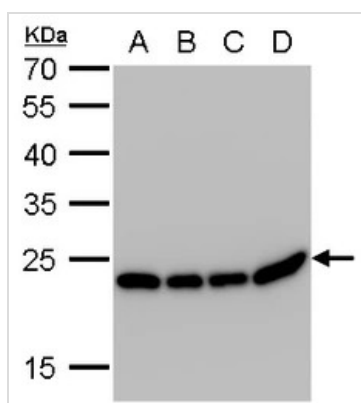
**GTX630560 IHC-P Image**

SOD2 antibody [GT17112] detects SOD2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

SOD2 stained by SOD2 antibody [GT17112] (GTX630560) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX630560 WB Image**

SOD2 antibody [GT17112] detects SOD2 protein by western blot analysis.

A. 30 µg 293T whole cell lysate/extract

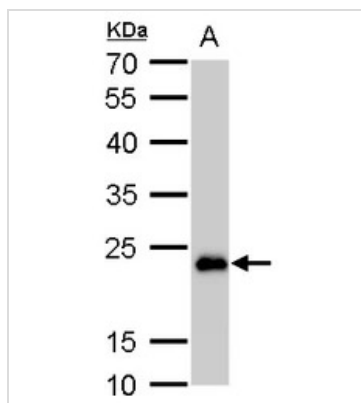
B. 30 µg A431 whole cell lysate/extract

C. 30 µg HeLa whole cell lysate/extract |

D. 30 µg HepG2 whole cell lysate/extract

12 % SDS-PAGE

SOD2 antibody [GT17112] (GTX630560) dilution: 1:1000

**GTX630560 WB Image**

SOD2 antibody [GT17112] detects SOD2 protein by western blot analysis.

A. 50 µg mouse brain lysate/extract

12 % SDS-PAGE

SOD2 antibody [GT17112] (GTX630560) dilution: 1:1000



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