

Product Datasheet

SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free NBP3-25693

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-25693

SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1652
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	6647
Gene Symbol	SOD1
Species	Human, Mouse, Rat, Canine, Feline
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Xenopus (85%).
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human SOD1/Cu-Zn SOD. The exact sequence is proprietary.

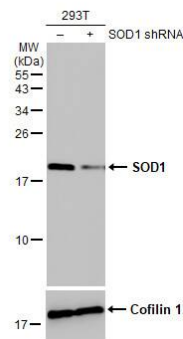
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000

Images

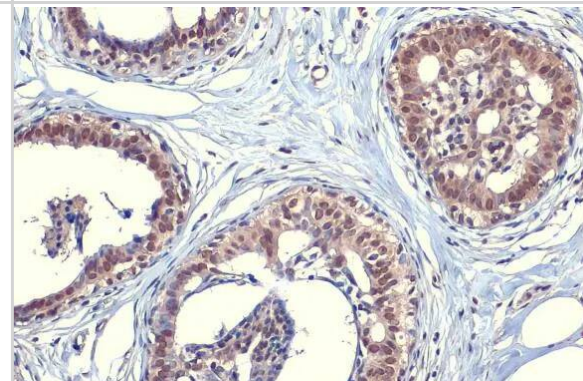
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - SOD1 antibody [HL1652] detects SOD1 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded dog brain. SOD1 stained by SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



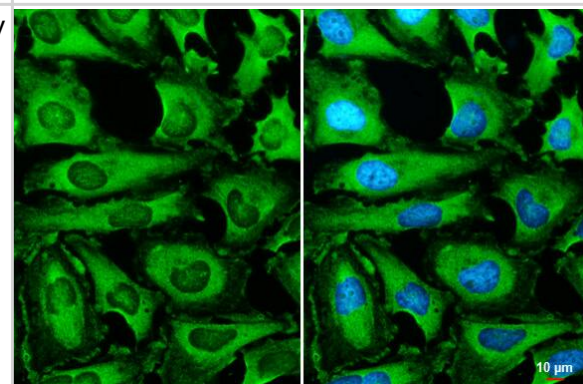
Knockdown Validated: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



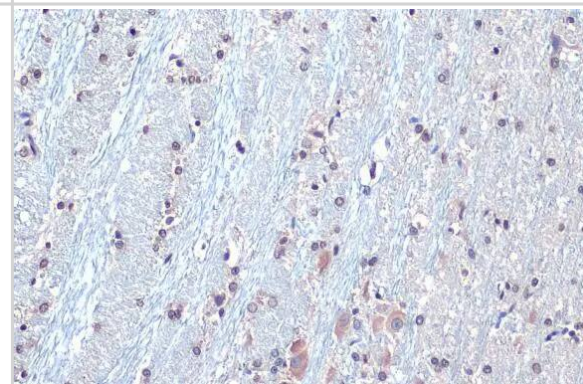
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - SOD1 antibody [HL1652] detects SOD1 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. SOD1 stained by SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



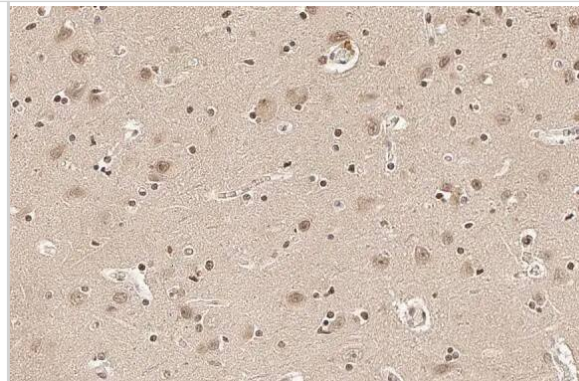
Immunocytochemistry/Immunofluorescence: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - SOD1 antibody [HL1652] detects SOD1 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: SOD1 stained by SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:500. Blue: Fluoroshield with DAPI .



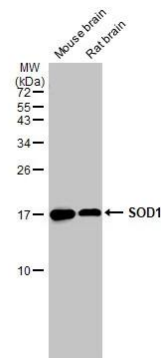
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - SOD1 antibody [HL1652] detects SOD1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. SOD1 stained by SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



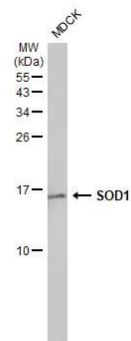
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - SOD1 antibody [HL1652] detects SOD1 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded cat brain. SOD1 stained by SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - Various tissue extracts (50 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: SOD1/Cu-Zn SOD Antibody (HL1652) - Azide and BSA Free [NBP3-25693] - Whole cell extract (30 ug) was separated by 15% SDS-PAGE, and the membrane was blotted with SOD1 antibody [HL1652] (NBP3-25693) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP3-25693

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34940-100ug	Recombinant Human SOD1/Cu-Zn SOD 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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