

## Rabbit SOD1 Polyclonal Antibody | anti-SOD1 antibody

SOD1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA173691</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

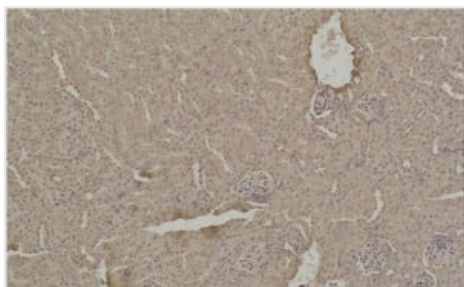
### PRODUCT SYNONYMS

SOD1; Polyclonal Antibody; SOD1 Polyclonal Antibody; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1; anti-SOD1 antibody

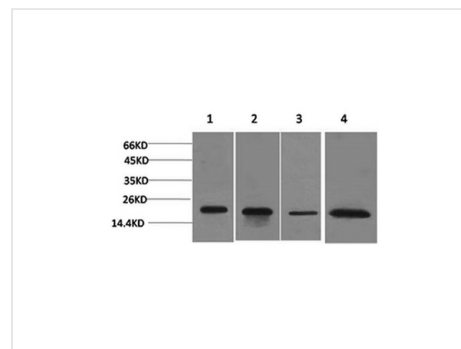
### PRODUCT SPECIFICATIONS

|                                                |                                                                      |
|------------------------------------------------|----------------------------------------------------------------------|
| Host                                           | Rabbit                                                               |
| Reactivity                                     | Human, Mouse, Rat                                                    |
| Clonality                                      | Polyclonal                                                           |
| Isotype                                        | IgG                                                                  |
| Purity/Purification                            | Affinity Purification                                                |
| Concentration                                  | 1mg/mL (varies by lot)                                               |
| Sequence Length                                | 154                                                                  |
| Applicable Applications for anti-SOD1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                        |
| Immunogen                                      | Synthesized peptide derived from the Internal region of human SOD-1. |
| Buffer                                         | PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4        |
| Conjugation                                    | Unconjugated                                                         |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.                   |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Mouse kidney tissue with SOD1 Polyclonal Antibody.


**WB (Western Blot)**

Western Blot analysis of 1) Hela, 2) MCF7, 3) Mouse brain, 4) Rat brain with SOD1 Polyclonal Antibody.

### ADDITIONAL INFORMATION

**Related Product Information for anti-SOD1 antibody**

Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4507149                                                                |
| NCBI GeneID                      | 6647                                                                   |
| NCBI Accession #                 | NP_000445.1                                                            |
| NCBI GenBank Nucleotide #        | NM_000454.4                                                            |
| UniProt Accession #              | P00441; Q16669; Q16711; Q16838; Q16839; Q16840; Q6NR85; A6NHJ0; D3DSE4 |
| Molecular Weight                 | 18kDa                                                                  |
| NCBI Official Full Name          | superoxide dismutase                                                   |
| NCBI Official Synonym Full Names | superoxide dismutase 1                                                 |
| NCBI Official Symbol             | SOD1                                                                   |
| NCBI Official Synonym Symbols    | ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer                       |
| NCBI Protein Information         | superoxide dismutase [Cu-Zn]                                           |
| UniProt Protein Name             | Superoxide dismutase [Cu-Zn]                                           |
| UniProt Gene Name                | <b>SOD1</b>                                                            |
| UniProt Synonym Gene Names       | hSod1                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sod1-antibody-immunohistochemistry-western-blot-elisa/173691>