

## Rabbit SOD2/MnSOD Polyclonal Antibody | anti-SOD2/MnSOD antibody

SOD2/MnSOD Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA268293</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

### PRODUCT SYNONYMS

SOD2/MnSOD; Polyclonal Antibody; SOD2/MnSOD Antibody; Indophenoloxidase B; IPO B; IPOB; Manganese containing superoxide dismutase; Manganese SOD; Manganese superoxide dismutase; Mangano superoxide dismutase; Mn SOD; Mn superoxide dismutase; MNSOD; MVCD6; SOD 2; SOD2; SODM\_HUMAN; Superoxide dismutase [Mn] mitochondrial; Superoxide dismutase [Mn]; mitochondrial; Superoxide dismutase 2 mitochondrial; anti-SOD2/MnSOD antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                              |
| Reactivity                                           | Human, Mouse, Rat                                                                   |
| Clonality                                            | Polyclonal                                                                          |
| Isotype                                              | IgG                                                                                 |
| Purity/Purification                                  | Immunogen affinity purified                                                         |
| Sequence Length                                      | 222                                                                                 |
| Applicable Applications for anti-SOD2/MnSOD antibody | WB (Western Blot)                                                                   |
| Immunogen                                            | A synthesized peptide derived from human SOD2/MnSOD                                 |
| Storage Buffer                                       | Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Preparation and Storage                              | Store at -20 degree C. Stable for 12 months from date of receipt.                   |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">67782305</a>                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | <a href="#">6648</a>                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | <a href="#">NP_000627.2</a>                                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000636.3</a>                                                                                                                                                                                                                                                      |
| UniProt Accession #              | <a href="#">P04179</a> ; <a href="#">P78434</a> ; <a href="#">Q16792</a> ; <a href="#">Q5TCM1</a> ; <a href="#">Q96EE6</a> ; <a href="#">Q9P2Z3</a> ; <a href="#">B2R7R1</a> ; <a href="#">B3KUK2</a> ; <a href="#">B4DL20</a> ; <a href="#">B4E3K9</a> ; <a href="#">E1P5A9</a> |
| Molecular Weight                 | 22kDa                                                                                                                                                                                                                                                                            |
| NCBI Official Full Name          | superoxide dismutase                                                                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | superoxide dismutase 2                                                                                                                                                                                                                                                           |
| NCBI Official Symbol             | SOD2                                                                                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD                                                                                                                                                                                                                                                |
| NCBI Protein Information         | superoxide dismutase [Mn], mitochondrial                                                                                                                                                                                                                                         |
| UniProt Protein Name             | Superoxide dismutase [Mn], mitochondrial                                                                                                                                                                                                                                         |
| UniProt Gene Name                | <b>SOD2</b>                                                                                                                                                                                                                                                                      |

**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/sod2-mnsod-antibody-western-blot-elisa/268293>