



## Rabbit polyclonal antibody to Peroxiredoxin-2 (20-31): Whole serum

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| <b>Catalogue No.:</b>    | R-1591-100   |
| <b>Description:</b>      | Peroxiredoxin-2 has a role in redox regulation of the cell.  |
| <b>Unit size:</b>        | 100 ug   |
| <b>Antigen:</b>          | A synthetic peptide (VVDGAFKEVKLS) corresponding to region (20-31 aa) from human Peroxiredoxin-2 conjugated to diphtheria toxin.   |
| <b>Other Names:</b>      | Natural killer cell-enhancing factor B; NKEF-B; PRP; Thiol-specific antioxidant protein; TSA; Thioredoxin peroxidase 1; Thioredoxin-dependent peroxide reductase 1; PRDX2; NKEFB; TDPX1;   |
| <b>Accession:</b>        | P32119 PRDX2_HUMAN;  |
| <b>Produced in:</b>      | Rabbit   |
| <b>Applications:</b>     | IHC, WB, ELISA. This antibody works in IHC on frozen or wax embedded tissues. Antigen retrieval has been used in testing but may not be necessary. Typical working dilutions for light microscopy are 1:500 to 1:1,000 and IF of 1:50 to 1:100. For WB a dilution range of 1: 1,000 to 1: 4,000 is recommended. A dilution of 1: 1,000 to 1: 4,000 is recommended for ELISA. This antibody stains basal cells in rat airways and specific kidney tubule cells. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| <b>Cross-reactivity:</b> | Human; rat;  |
| <b>Form:</b>             | Lyophilized serum with 0.02% thimerosal  |
| <b>Reconstitution:</b>   | Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.  |
| <b>Storage:</b>          | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.  |

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FOR RESEARCH USE ONLY