

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

<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

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