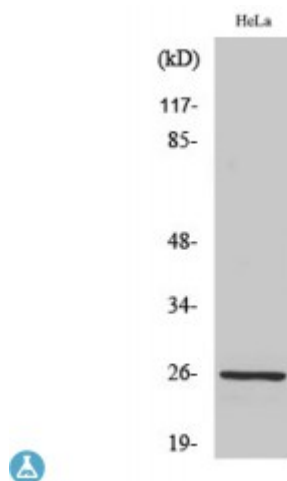


## Anti-PRX III antibody



|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to PRX III.                                                                                                                             |
| <b>Model</b>            | STJ95238                                                                                                                                                  |
| <b>Host</b>             | Rabbit                                                                                                                                                    |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                                                         |
| <b>Applications</b>     | ELISA, FC, IHC, WB                                                                                                                                        |
| <b>Immunogen</b>        | Synthesized peptide derived from human PRX III.                                                                                                           |
| <b>Immunogen Region</b> | Internal                                                                                                                                                  |
| <b>Gene ID</b>          | <a href="#">10935</a>                                                                                                                                     |
| <b>Gene Symbol</b>      | <a href="#">PRDX3</a>                                                                                                                                     |
| <b>Dilution range</b>   | WB 1:500-1:2000IHC 1:100-1:300ICC 1:200-1:1000ELISA 1:40000                                                                                               |
| <b>Specificity</b>      | PRX III Polyclonal Antibody detects endogenous levels of PRX III protein.                                                                                 |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                     |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                                                              |
| <b>Protein Name</b>     | Thioredoxin-dependent peroxide reductase, mitochondrial Antioxidant protein 1 AOP-1 HBC189 Peroxiredoxin III Prx-III Peroxiredoxin-3 Protein MER5 homolog |
| <b>Molecular Weight</b> | 26 kDa                                                                                                                                                    |
| <b>Clonality</b>        | Polyclonal                                                                                                                                                |
| <b>Conjugation</b>      | Unconjugated                                                                                                                                              |

|                                         |                                                                                                                                                                                                                               |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                           |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                       |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                       |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                          |
| <b>Database Links</b>                   | <a href="#">HGNC:9354OMIM:604769</a>                                                                                                                                                                                          |
| <b>Alternative Names</b>                | Thioredoxin-dependent peroxide reductase, mitochondrial Antioxidant protein 1 AOP-1 HBC189 Peroxiredoxin III Prx-III Peroxiredoxin-3 Protein MER5 homolog                                                                     |
| <b>Function</b>                         | Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol. |
| <b>Cellular Localization</b>            | Mitochondrion.                                                                                                                                                                                                                |
| <b>Post-translational Modifications</b> | Phosphorylated by LRRK2; phosphorylation reduces peroxidase activity.                                                                                                                                                         |

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