

# Rabbit anti-Human, Mouse Peroxiredoxin 5 (PRDX5) Polyclonal Antibody | anti-PRDX5 antibody

Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                   |
|-----------|--------|--------------|----------------------------------------------------------------|
| AAA133044 | Rabbit | Human, Mouse | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

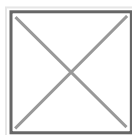
## PRODUCT SYNONYMS

Peroxiredoxin 5 (PRDX5); Polyclonal Antibody; Polyclonal Antibody to Peroxiredoxin 5 (PRDX5); anti-PRDX5 antibody

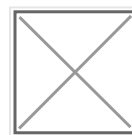
## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                                      | Human, Mouse                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against PRDX5. It has been selected for its ability to recognize PRDX5 in immunohistochemical staining and western blotting.                                                                                                                                                                          |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                 |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                  |
| Sequence                                        | Antigen: The target protein is fused with a His-tag and its sequence is listed below.<br>M GHHHHHSGS EF-MLQLGLR VLGCKASSVL RASTCLAGRA GRKEAGWECG GARSFSSSAV TMAPIKVGDA<br>IPSVEVFEGE PGKKVNLAEL FKGKKGVLFG VPGAFTPGCS KTHLPGFVEQ AGALKAKGAQ VVACLSVNDV<br>FVIEEWGRAH QAEGKVRLLA DPTGAFGKAT DLLLDDSLVS LFGNRRRLKRF SMVIDNGIVK ALNVEPDGTG<br>LTCSLAPNIL SQL |
| Sequence Length                                 | 190                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-PRDX5 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                           |
| Immunogen                                       | Recombinant PRDX5 (Met1~Leu210) expressed in E.coli.                                                                                                                                                                                                                                                                                                      |
| Cross Reactivity                                | Human, Mouse                                                                                                                                                                                                                                                                                                                                              |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                             |

## IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



#### WB (Western Blot)

Western Blot: Sample: Mouse Kidney lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse PRDX5  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

### NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 6755114                                |
| NCBI GeneID                      | 54683                                  |
| NCBI Accession #                 | NP_036151.1                            |
| NCBI GenBank Nucleotide #        | NM_012021.3                            |
| UniProt Accession #              | P99029; Q9QX45; Q9QZ75                 |
| Molecular Weight                 | 17,015 Da                              |
| NCBI Official Full Name          | peroxiredoxin-5, mitochondrial         |
| NCBI Official Synonym Full Names | peroxiredoxin 5                        |
| NCBI Official Symbol             | Prdx5                                  |
| NCBI Official Synonym Symbols    | PLP; AOPP; PrxV; Pmp20; Prdx6; AOEB166 |
| NCBI Protein Information         | peroxiredoxin-5, mitochondrial         |
| UniProt Protein Name             | Peroxiredoxin-5, mitochondrial         |
| UniProt Gene Name                | <b>Prdx5</b>                           |
| UniProt Synonym Gene Names       | Prdx6; AOEB166; Prx-V                  |

**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://stage.aaabiotech.com/polyclonal/peroxiredoxin-5-prdx5-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133044>