

## Rabbit Peroxiredoxin 1 Polyclonal Antibody | anti-PRDX1 antibody

Anti-Peroxiredoxin 1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA260475 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

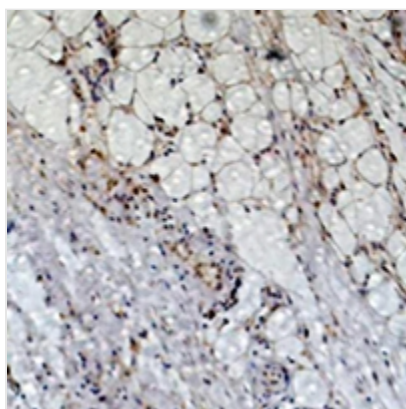
### PRODUCT SYNONYMS

Peroxiredoxin 1; Polyclonal Antibody; Anti-Peroxiredoxin 1 Antibody; PAGA; PAGB; TDPX2; Peroxiredoxin-1; Natural killer cell-enhancing factor A; NKEF-A; Proliferation-associated gene protein; PAG; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2; anti-PRDX1 antibody

### PRODUCT SPECIFICATIONS

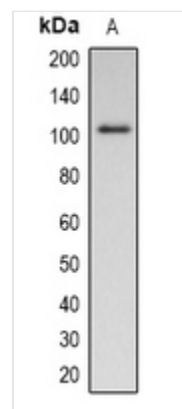
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of Peroxiredoxin 1 protein.                                                       |
| Purity/Purification                             | The antibody was purified by affinity chromatography.                                                          |
| Form/Format                                     | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.      |
| Sequence Length                                 | 199                                                                                                            |
| Applicable Applications for anti-PRDX1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                       | Recombinant protein corresponding to human Peroxiredoxin 1.                                                    |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Peroxiredoxin 1 staining in human Hepatocancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Peroxiredoxin 1 expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                      |
|-----------------------------------------------------|--------------------------------------|
| Related Product Information for anti-PRDX1 antibody | Rabbit polyclonal to Peroxiredoxin 1 |
|-----------------------------------------------------|--------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 548453                                                   |
| NCBI GeneID                      | 5052                                                     |
| UniProt Accession #              | Q06830; P35703; Q2V576; Q5T154; Q5T155; B5BU26; D3DPZ8   |
| Molecular Weight                 | 22,110 Da                                                |
| NCBI Official Full Name          | Peroxiredoxin-1                                          |
| NCBI Official Synonym Full Names | peroxiredoxin 1                                          |
| NCBI Official Symbol             | PRDX1                                                    |
| NCBI Official Synonym Symbols    | PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A |
| NCBI Protein Information         | peroxiredoxin-1                                          |
| UniProt Protein Name             | Peroxiredoxin-1                                          |
| UniProt Gene Name                | PRDX1                                                    |
| UniProt Synonym Gene Names       | PAGA; PAGB; TDPX2; NKEF-A; PAG                           |
| UniProt Entry Name               | PRDX1_HUMAN                                              |

**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/peroxiredoxin-1-antibody-immunohistochemistry-western-blot-elisa/260475>