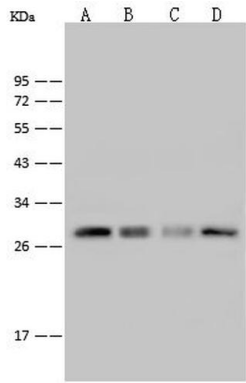


# PRDX4 Polyclonal Antibody

| Product Details    |   |
|--------------------|---|
| Size               | 100 µL  |
| Species Reactivity | Human   |
| Host/Isotype       | Rabbit / IgG  |
| Class              | Polyclonal  |
| Type               | Antibody  |
| Conjugate          | Unconjugated  |
| Immunogen          | A synthetic peptide corresponding to the center region of the Human PRDX4 |
| Form               | Liquid  |
| Purification       | Antigen affinity chromatography, Protein A                                |
| Storage buffer     | PBS   |
| Contains           | no preservative   |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles  |
| RRID               | AB_2902790  |

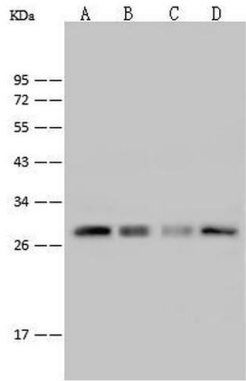
| Applications                              | Tested Dilution     | Publications |
|---|---------------------|--------------|
| Western Blot (WB)                         | 1:500-1:2,000       | -            |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:500-1:2,000       | -            |
| Immunocytochemistry (ICC/IF)              | 1:300-1:10,000      | -            |
| Immunoprecipitation (IP)                  | 1-5 µL/mg of lysate | -            |

Product Images For PRDX4 Polyclonal Antibody



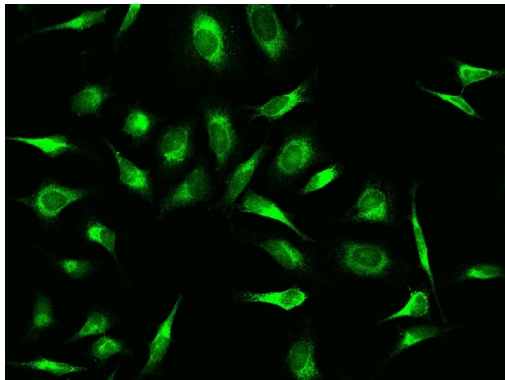
PRDX4 Antibody (PA5-118190) in WB

Western Blot using PRDX4 Polyclonal Antibody (Product # PA5-118190) at 1:500 dilution. Lane A: HeLa Whole Cell Lysate, Lane B: HepG2 Whole Cell Lysate, Lane C: 293T Whole Cell Lysate, Lane D: Jurkat Whole Cell Lysate. Lysates /proteins at 30 g per lane. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1:10,000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 31 kDa.



PRDX4 Antibody (PA5-118190) in WB

Western Blot of PRDX4 in Lane A: HeLa Whole Cell Lysate, Lane B: HepG2 Whole Cell Lysate, Lane C: 293T Whole Cell Lysate, Lane D: Jurkat Whole Cell Lysate. Samples (30 µg per lane) were incubated with polyclonal antibody (Product # PA5-118190) with a dilution of 1:500 , followed by Goat Anti-Rabbit IgG (H+L)/HRP using a dilution of 1:10,000. Assay was performed under reducing conditions. Predicted band size: 31 kDa.



PRDX4 Antibody (PA5-118190) in ICC/IF

Immunocytochemistry analysis of PRDX4 in HeLa cells. Samples were treated with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, incubated with polyclonal antibody (Product # PA5-118190) with a dilution of 1:1,000 (4°C overnight), followed by Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and DAPI (blue).

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