

# PRDX1 Rabbit Polyclonal Antibody



CAB16412

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

22kDa

### Calculated MW:

22kDa

### Applications:

WB

### Reactivity:

Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene.

## Immunogen information

### Gene ID:

5052

### Uniprot

Q06830

### Synonyms:

PRDX1; MSP23; NKEF-A; NKEFA; PAG; PAGA; PAGB; PRX1; PRXI; TDPX2

### Immunogen:

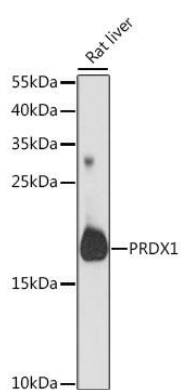
Recombinant fusion protein containing a sequence corresponding to amino acids 1-199 of human PRDX1 (NP\_001189360.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of rat liver, using PRDX1 antibody (CAB16412) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.