[KO Validated] PRDX4 Rabbit Polyclonal **Antibody**



CAB1486

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28kDa

30kDa

Calculated MW:

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.

Immunogen information

Gene ID: 10549

Uniprot

Q13162

Synonyms:

PRDX4; AOE37-2; AOE372; HEL-S-97n; PRX-4

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -

1:100

Source:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding

to amino acids 38-271 of human PRDX4 (NP_006397.1).

Storage:

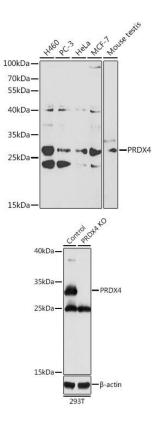
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

Purification:

Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using PRDX4 antibody (CAB1486) 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.

Western blot analysis of extracts from normal (control) and PRDX4 knockout (KO) 293T cells, using PRDX4 antibody (CAB1486) 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: 5s.