

A1486

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[KO Validated] Peroxiredoxin 4 (PRDX4) Rabbit pAb

Catalog No.: A1486 **KO** Validated

Basic Information

Observed MW

28kDa

Calculated MW

31kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10549

Swiss Prot

Q13162

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 38-271 of human Peroxiredoxin 4 (Peroxiredoxin 4 (PRDX4)) (NP_006397.1).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

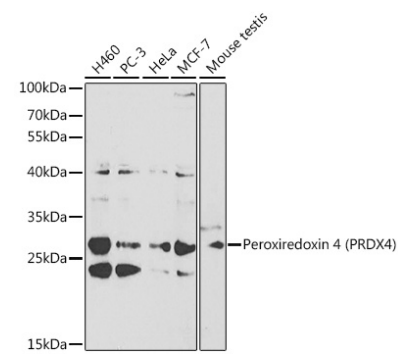
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Peroxiredoxin 4 (PRDX4) antibody (A1486) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

