

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18106**Specification**

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) - Product Information

Application	WB, IHC-P, E
Primary Accession	P30048
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	27693

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) - Additional Information**Gene ID** 10935**Alias Symbol** **PRDX3****Other Names**

PRDX3, Antioxidant protein 1, AOP1, AOP-1, HBC189, Peroxiredoxin III, PRO1748, Peroxiredoxin-3, Prx-III, SP-22, Peroxiredoxin 3, Protein MER5 homolog

Target/Specificity

PRX III antibody detects endogenous levels of PRX III.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) - Protein Information**Name** PRDX3**Synonyms** AOP1**Function**

Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides (PubMed: [7733872](http://www.uniprot.org/citations/7733872) target="_blank">7733872, PubMed: [17707404](http://www.uniprot.org/citations/17707404) target="_blank">17707404, PubMed: [29438714](http://www.uniprot.org/citations/29438714) target="_blank">29438714, PubMed: [33889951](http://www.uniprot.org/citations/33889951) target="_blank">33889951). Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol (PubMed: [12492477](http://www.uniprot.org/citations/12492477)).

target="_blank">12492477). Required for the maintenance of physical strength (By similarity).

Cellular Location

Mitochondrion. Cytoplasm. Early endosome. Note=Localizes to early endosomes in a RPS6KC1-dependent manner.

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PRDX3 / Peroxiredoxin 3 Antibody (aa44-93) - Images