

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

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18106

Product Information

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

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.

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: 17707404 , PubMed: 29438714 , PubMed: 33889951 , PubMed: 7733872). Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol (PubMed: 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.