

# Peroxioredoxin 3 Rabbit mAb

Catalog # AP76652

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IP, ICC
<b>Primary Accession</b>	<a href="#">P30048</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	27693

## Additional Information

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<b>Gene ID</b>	10935
<b>Other Names</b>	PRDX3
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~N/A ICC~~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

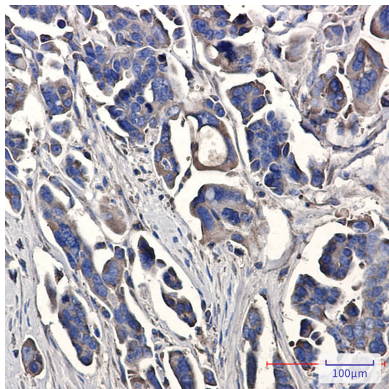
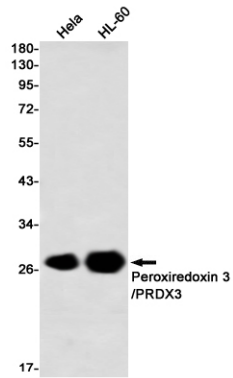
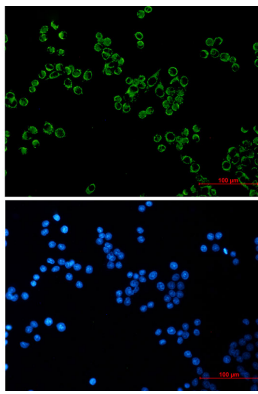
## Protein Information

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<b>Name</b>	PRDX3
<b>Synonyms</b>	AOP1
<b>Function</b>	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: <a href="#">17707404</a> , PubMed: <a href="#">29438714</a> , PubMed: <a href="#">33889951</a> , PubMed: <a href="#">7733872</a> ). Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol (PubMed: <a href="#">12492477</a> ). Required for the maintenance of physical strength (By similarity).
<b>Cellular Location</b>	Mitochondrion. Cytoplasm. Early endosome. Note=Localizes to early endosomes in a RPS6KC1-dependent manner.

## Images

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