

**Peroxiredoxin 4 Rabbit mAb**  
**Catalog # AP75895****Specification**

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**Peroxiredoxin 4 Rabbit mAb - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q13162</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30540

**Peroxiredoxin 4 Rabbit mAb - Additional Information****Gene ID** 10549**Other Names**  
PRDX4**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A**Format**  
Liquid**Peroxiredoxin 4 Rabbit mAb - Protein Information****Name** PRDX4**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 and as sensor of hydrogen peroxide-mediated signaling events. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

**Cellular Location**

Cytoplasm. Endoplasmic reticulum. Note=Cotranslationally translocated to and retained within the endoplasmic reticulum. A small fraction of the protein is cytoplasmic.

**Peroxiredoxin 4 Rabbit mAb - 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](#)

#### **Peroxiredoxin 4 Rabbit mAb - Images**

