

**Peroxiredoxin 1 Rabbit mAb**  
Catalog # AP77256**Specification****Peroxiredoxin 1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q06830</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22110

**Peroxiredoxin 1 Rabbit mAb - Additional Information****Gene ID** 5052**Other Names**  
PRDX1**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**Peroxiredoxin 1 Rabbit mAb - Protein Information****Name** PRDX1**Synonyms** PAGA, PAGB, TDPX2**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. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H(2)O(2) (PubMed:<a href="http://www.uniprot.org/citations/9497357" target="\_blank">9497357</a>). Reduces an intramolecular disulfide bond in GDPD5 that gates the ability to GDPD5 to drive postmitotic motor neuron differentiation (By similarity).

**Cellular Location**

Cytoplasm. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

**Peroxiredoxin 1 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 1 Rabbit mAb - Images**

