

Peroxiredoxin 1 Rabbit mAb
Catalog # AP76650**Specification**

Peroxiredoxin 1 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	Q06830
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
IP~~1/20
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**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:9497357). Reduces an intramolecular disulfide bond in GPD5 that gates the ability to GPD5 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



