

Peroxiredoxin 4 Rabbit mAb

Catalog # AP75895

Specification

Peroxiredoxin 4 Rabbit mAb - Product Information

Application WB, IHC-P **Primary Accession** Q13162

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.

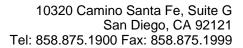
Cellular Location

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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Peroxiredoxin 4 Rabbit mAb - Images

