

Peroxiredoxin 2 Antibody

Rabbit mAb Catalog # AP90987

Specification

Peroxiredoxin 2 Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession P32119
Reactivity Rat

Clonality Monoclonal

Other Names

MGC4104; NKEFB; PRP; PRX2; PRXII; TDPX1; TSA; PRDX2;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 21892 Da

Peroxiredoxin 2 Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Peroxiredoxin 2

Description This gene encodes a member of the

peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide

enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and

play a role in cancer development or

progression.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Peroxiredoxin 2 Antibody - Protein Information

Name PRDX2

Synonyms NKEFB, TDPX1

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).

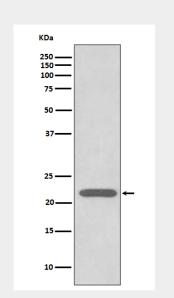
Cellular Location Cytoplasm.

Peroxiredoxin 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Peroxiredoxin 2 Antibody - Images



Western blot analysis of Peroxiredoxin 2 expression in HEK293 cell lysate.