

**Peroxiredoxin 2 Antibody**  
**Rabbit mAb**  
**Catalog # AP90987**

**Specification**

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**Peroxiredoxin 2 Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P32119</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
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 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<sub>2</sub>O<sub>2</sub>.

### Cellular Location

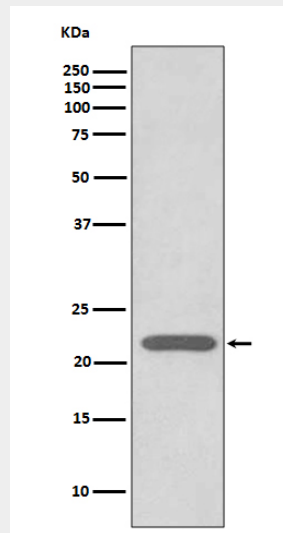
Cytoplasm.

### Peroxiredoxin 2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Peroxiredoxin 2 Antibody - Images



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