

## PRDX2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 22kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human PRDX2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

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

**Catalog #:** A1919

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7001

**Isotype:** IgG

**Swiss Prot:** P32119

**Purity:** Affinity purification

For research use only.

**Background:**

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. The crystal structure of this protein has been resolved to 2.7 angstroms. Transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

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