

## Datasheet

### PRDX1 polyclonal antibody

**Catalog Number:** PAB1218

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against full length recombinant PRDX1.

**Immunogen:** Recombinant protein corresponding to full length human PRDX1.

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A purification

**Recommend Usage:** Western Blot (1:1800)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In HEPES, 150 mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5052

**Gene Symbol:** PRDX1

**Gene Alias:** MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2

**Gene Summary:** 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. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

#### References:

1. Structure, mechanism and regulation of peroxiredoxins. Wood ZA, Schroder E, Robin Harris J, Poole LB. Trends Biochem Sci. 2003 Jan;28(1):32-40.