

## PRDX1 Polyclonal Antibody

**Catalog No.** E-AB-60470

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### Description

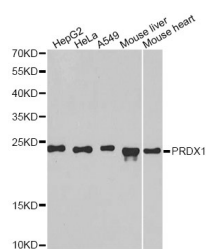
<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein of human PRDX1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

### Applications Recommended Dilution

**WB 1:500 - 1:2000**

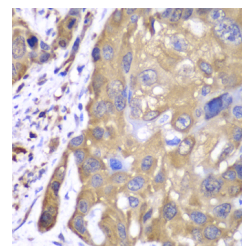
**IHC 1:50 - 1:200**

### Data



Western blot analysis of extracts of various cell lines with PRDX1 Polyclonal Antibody

**Observed Mw: Refer to figures**  
**Calculated Mw: 22kDa**



Immunohistochemistry of paraffin-embedded human esophageal cancer with PRDX1 Polyclonal Antibody

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### 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. Four transcript variants encoding the same protein have been identified for this gene.

### For Research Use Only