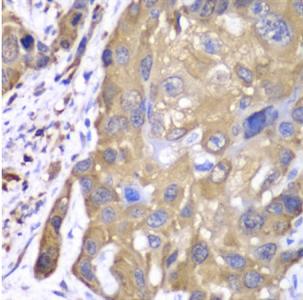


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## Peroxiredoxin 1 (PRDX1) Antibody

Catalogue No.: abx001522



Immunohistochemistry of paraffin-embedded human esophageal cancer using PRDX1 antibody (abx001522) at dilution of 1/100 (40x lens).

PRDX1 Antibody is a Rabbit Polyclonal antibody against PRDX1. 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.

**Target:** PRDX1

**Reactivity:** Human, Mouse

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IHC

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human PRDX1.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** Calculated MW: 22 kDa  
Observed MW: Refer to figures

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**Swiss Prot:** [Q06830](#)

**GeneID:** [5052](#)

**Gene Symbol:** PRDX1

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.