

# PRDX4 Polyclonal Antibody

Catalog Number:E-AB-19430



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

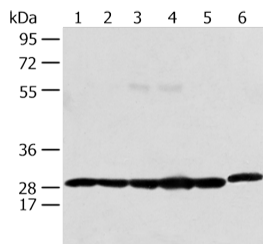
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide of human PRDX4
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

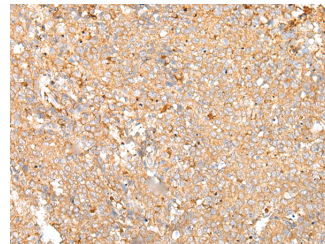
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:25-1:100
<b>ELISA</b>	1:5000-1:10000

## Data



Western blot analysis of 293T Raji and HeLa cell using PRDX4 Polyclonal Antibody at dilution of 1:400

**Observed MW:Refer to figures**  
**Calculated Mw:30 kDa**



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PRDX4 Polyclonal Antibody at dilution of 1:25(×200)

## Preparation & Storage

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

## Background

PRDX4(Peroxiredoxin-4) is also named as AOE37-2,Prx-IV and belongs to the AhpC/TSA family. PRDX4 is associated with acrosome formation during rat spermatogenesis and has a protective role in the male reproductive tract,because the phenotype of mice lacking this isoform includes testicular atrophy and increased sperm DNA damage. It is initially synthesized as a membrane-binding 31-kDa protein and processed into a 27-kDa secretory form and is discarded with the residual bodies. PRDX4 is a pentamer of dimers.

## For Research Use Only

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