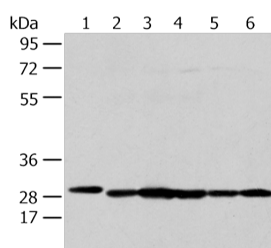


## PRDX4 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-53409	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,ELISA	<b>Isotype</b>	IgG

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

### Images



Western blot analysis of 293T HepG2 K562 and MCF-7 cell using PRDX4 Polyclonal Antibody at dilution of 1:300

### Immunogen Information

<b>Immunogen</b>	Synthetic peptide of human PRDX4
<b>Gene Accession</b>	NP006397
<b>Swissprot</b>	Q13162
<b>Synonyms</b>	AOE37 2,AOE37-2,AOE372,PRDX 4,Prdx4,PRDX4,PRX 4,Prx IV,Prx-IV,PRX4,PrxIV

### Product Information

<b>Calculated MW</b>	30 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:500-1:2000, ELISA 1:5000-1:10000

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.