

## Anti-PRDX4 antibody

<b>Cat. No.</b>	ml162823
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-PRDX4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human PRDX4
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	PRDX4
<b>Full name</b>	peroxiredoxin 4
<b>Synonyms</b>	PRX-4; AOE372; AOE37-2; HEL-S-97n
<b>Swissprot</b>	Q13162

### Target Background

The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.

订购热线: 4008-898-798

**Applications**

**Western blotting**

Predicted band size:30 kDa

Positive control:Hela, Raji, 293T, HepG2, K562 and MCF-7 cell

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

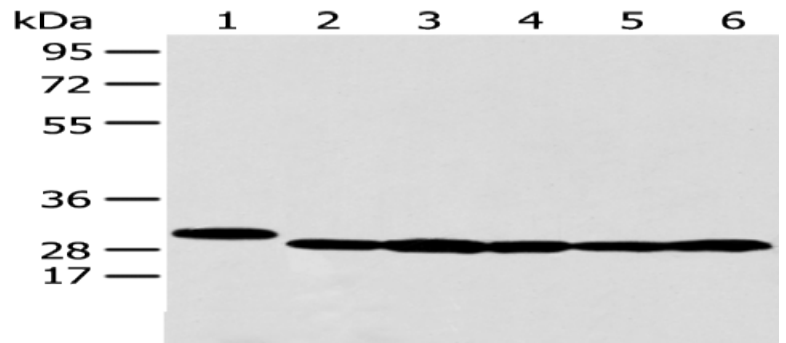
Lysate: 40 µg

Lane 1-6: Hela, Raji, 293T, HepG2, K562 and MCF-7 cell

Primary antibody: ml162823(PRDX4 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



**ELISA**

Recommended dilution:2000-5000

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