

## PRDX3 Recombinant antibody

**Cat:**B36182S

**Company:** HaoKebio

**Uniprot ID:**P30048

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 27 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 28 kDa

WB:1:20000-1:100000

### Background:

PRDX3(Peroxiredoxin 3), also named as AOP1, HBC189 and MER5, belongs to the ahpC/TSA family. It is involved in redox regulation of the cell and protects radical-sensitive enzymes from oxidative damage by a radical-generating system. PRDX3 is required for MYC-mediated proliferation, transformation, and apoptosis after glucose withdrawal and essential for maintaining mitochondrial mass and membrane potential in transformed rat and human cells. PRDX3 acts synergistically with MAP3K13 to regulate the activation of NF- $\kappa$ -B in the cytosol.

### Synonyms:

1L11, Antioxidant protein 1, AOP1, AOP-1, EC:1.11.1.24

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100  $\mu$ g/ml BSA and 50% glycerol.

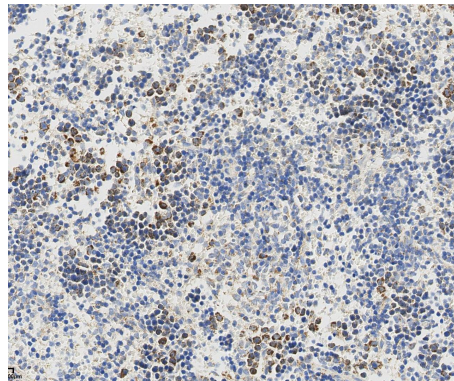
### Storage:

Store at -20 °C for one year.

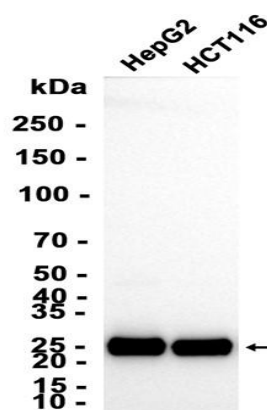
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse spleen, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:PRDX3(B36182S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:PRDX3(B36182S) were  
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