

# Peroxiredoxin 6 Rabbit mAb

Catalog No.: A4286 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

25kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0954

## Background

The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H<sub>2</sub>O<sub>2</sub> and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

9588

### Swiss Prot

P30041

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

PRX; p29; AOP2; 1-Cys; NSGPx; aiPLA2; LPCAT-5; HEL-S-128m; Peroxiredoxin 6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

