



## Datasheet for ABIN7260079 anti-Peroxiredoxin 6 antibody



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#### Overview

Quantity:	200 µL
Target:	Peroxiredoxin 6 (PRDX6)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human PRDX6 (NP_004896.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Peroxiredoxin 6 (PRDX6)
Alternative Name:	PRDX6 ( <a href="#">PRDX6 Products</a> )
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

## Target Details

well as in protection against oxidative injury.

Molecular Weight: Observed\_MW: 27 kDa  
Calculated\_MW: 25 kDa

Gene ID: 9588

UniProt: [P30041](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

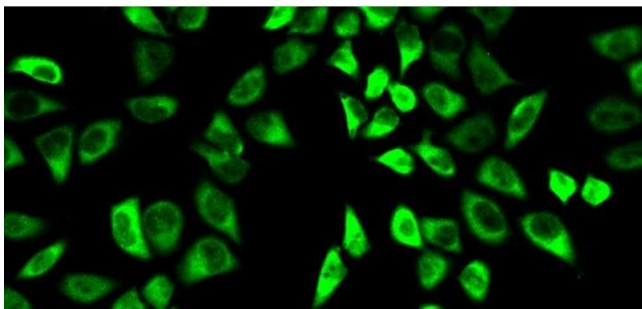
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

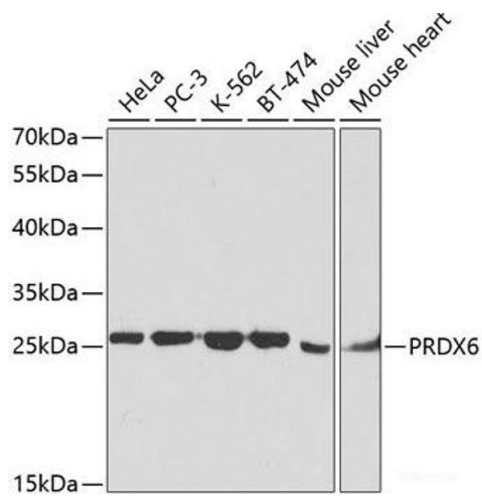
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using PRDX6 Polyclonal Antibody



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using PRDX6 Polyclonal Antibody at dilution of 1:1000.