

Datasheet for ABIN6989865  
**anti-Peroxiredoxin 2 antibody**



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## Overview

Quantity:	100 µL
Target:	Peroxiredoxin 2 (PRDX2)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-142 of human PRDX2 (NP_859428.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	Peroxiredoxin 2 (PRDX2)
Alternative Name:	PRDX2 ( <a href="#">PRDX2 Products</a> )
Background:	Synonyms: PRDX2,HEL-S-2a,NKEF-B,NKEFB,PRP,PRX2,PRXII,PTX1,TDPX1,TPX1,TSA Background: This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein plays an

## Target Details

antioxidant protective role in cells, and it may contribute to the antiviral activity of CD8(+) T-cells. The crystal structure of this protein has been resolved to 2.7 angstroms. This protein prevents hemolytic anemia from oxidative stress by stabilizing hemoglobin, thus making this gene a therapeutic target for patients with hemolytic anemia. This protein may have a proliferative effect and play a role in cancer development or progression. Related pseudogenes have been identified on chromosomes 5, 6, 10 and 13.

Gene ID: 7001

UniProt: [P32119](#)

## Application Details

Application Notes: WB 1:300-5000  
IF(ICC) 1:50-200  
IF()

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months