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Datasheet for ABIN389470

## anti-Peroxiredoxin 3 antibody (N-Term)

### 4 Images

#### Overview

Quantity:	400 µL
Target:	Peroxiredoxin 3 (PRDX3)
Binding Specificity:	AA 66-94, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

#### Product Details

Immunogen:	This PRDX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-94 amino acids from the N-terminal region of human PRDX3.
Clone:	RB20889
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	Peroxiredoxin 3 (PRDX3)
Alternative Name:	PRDX3 ( <a href="#">PRDX3 Products</a> )

## Target Details

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Background:	PRDX3 is a protein with antioxidant function and is localized in the mitochondrion. This protein is involved in redox regulation of the cell and Protects radical-sensitive enzymes from oxidative damage by a radical-generating system.It Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.
Molecular Weight:	27693
Gene ID:	10935
NCBI Accession:	<a href="#">NP_006784</a> , <a href="#">NP_054817</a>
UniProt:	<a href="#">P30048</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a> , <a href="#">Methionine Biosynthetic Process</a>

## Application Details

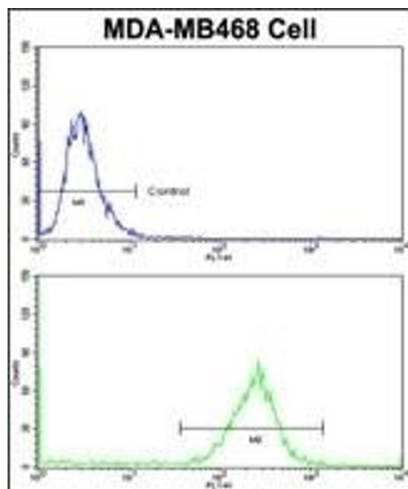
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Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

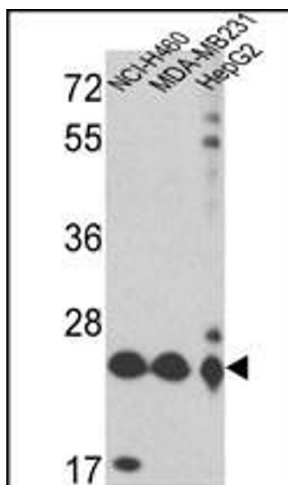
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



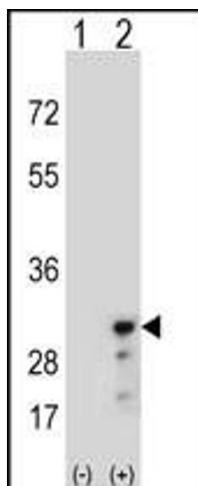
### Flow Cytometry

**Image 1.** Flow cytometric analysis of MDA-M cells using PRDX3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Western blot analysis of PRDX3 Antibody (N-term) (ABIN389470 and ABIN2839534) in NCI-,MDA-M,HepG2 cell line lysates (35 µg/lane). PRDX3 (arrow) was detected using the purified Pab.(2 µg/mL)



### Western Blotting

**Image 3.** Western blot analysis of PRDX3 (arrow) using rabbit polyclonal PRDX3 Antibody (N-term) (ABIN389470 and ABIN2839534). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PRDX3 gene.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN389470.