



Datasheet for ABIN7172023

anti-Peroxiredoxin 3 antibody (AA 63-256)



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5 Images

Overview

Quantity:	100 µg
Target:	Peroxiredoxin 3 (PRDX3)
Binding Specificity:	AA 63-256
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Thioredoxin-dependent peroxide reductase, mitochondrial protein (63-256AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Peroxiredoxin 3 (PRDX3)
Alternative Name:	PRDX3 (PRDX3 Products)

Target Details

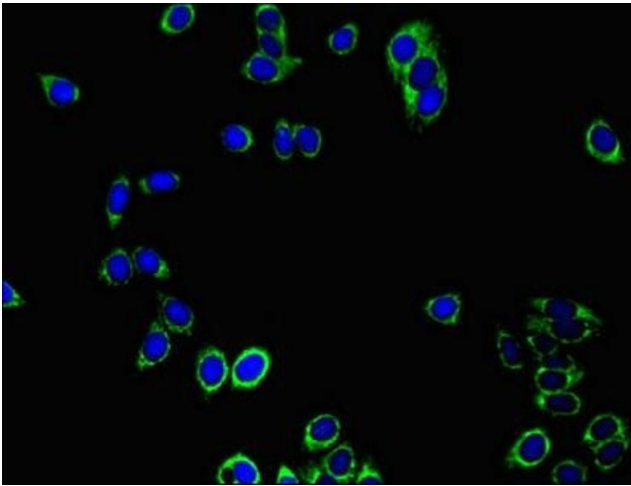
Background:	<p>Background: Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.</p> <p>Aliases: Antioxidant protein 1 antibody, AOP 1 antibody, AOP-1 antibody, AOP1 antibody, HBC189 antibody, MER5 antibody, MGC104387 antibody, MGC24293 antibody, mitochondrial antibody, peroxiredoxin 3 antibody, Peroxiredoxin III antibody, Peroxiredoxin-3 antibody, PRDX3 antibody, PRDX3_HUMAN antibody, PRO1748 antibody, Protein MER5 homolog antibody, PRX III antibody, Prx-III antibody, PRX3 antibody, SP 22 antibody, SP-22 antibody, SP22 antibody, Thioredoxin dependent peroxide reductase mitochondrial antibody, Thioredoxin-dependent peroxide reductase antibody</p>
UniProt:	P30048
Pathways:	Ribonucleoside Biosynthetic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	Recommended dilution: WB:1:2000-1:10000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only

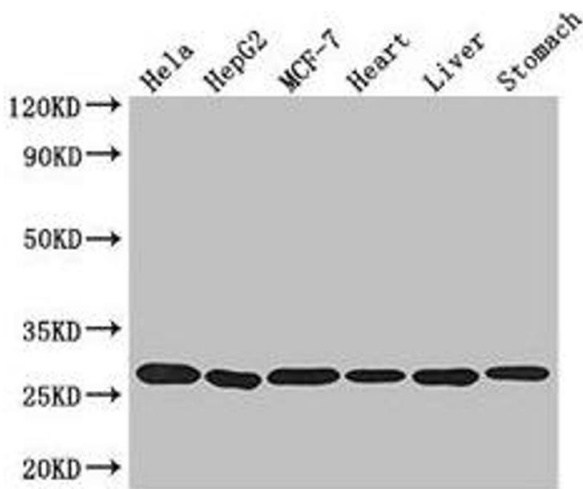
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



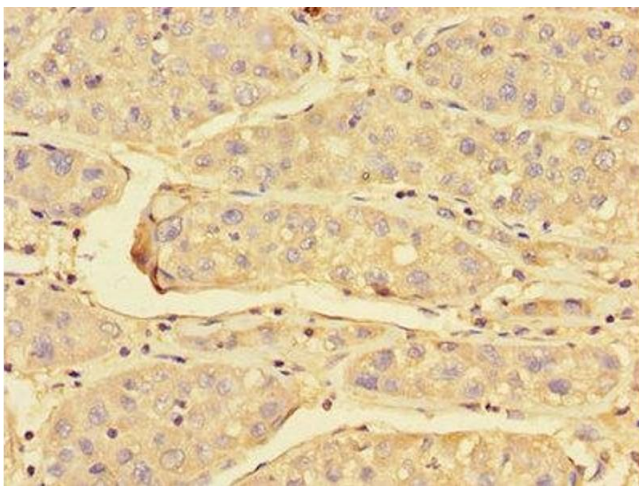
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7172023 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, Mouse heart tissue, Mouse liver tissue, Mouse stomach tissue All lanes: PRDX3 antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 28, 26 kDa Observed band size: 28 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7172023 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7172023.