

Datasheet for ABIN7440917
anti-Peroxiredoxin 1 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Peroxiredoxin 1 (PRDX1)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Peroxiredoxin 1 (PRDX1)
Immunogen:	Recombinant Peroxiredoxin 1 (PRDX1) corresponding to N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRDX1. It has been selected for its ability to recognize PRDX1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Peroxiredoxin 1 (PRDX1)
Alternative Name:	PRDX1 (PRDX1 Products)

Target Details

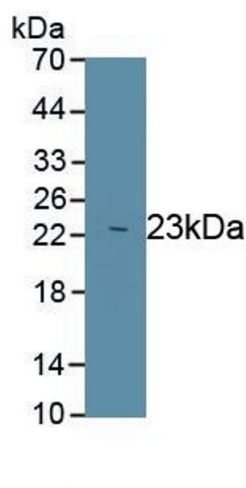
Background:	MSP23, NKEFA, PAG, PAGA, PAGB, TDPX2, Natural killer cell-enhancing factor A, Proliferation-associated, Thioredoxin peroxidase 2, Thioredoxin-dependent peroxide reductase 2
UniProt:	Q63716
Pathways:	p53 Signaling , EGFR Signaling Pathway , CXCR4-mediated Signaling Events

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL,1:270-1100,Immunohistochemistry: 5-20 µg/mL,1:27-110,Immunocytochemistry: 5-20 µg/mL,1:27-110,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.54 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant PRDX1, Rat using Polyclonal Antibody to Peroxiredoxin 1 (PRDX1)