

Datasheet for ABIN2855135
anti-Peroxiredoxin 1 antibody

6 Images

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Overview

Quantity:	100 µL
Target:	Peroxiredoxin 1 (PRDX1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PRX I. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to PRX I (peroxiredoxin 1) PRX I antibody [N1C2]
Purification:	Affinity purified by Protein A.
Grade:	KO Validated

Target Details

Target:	Peroxiredoxin 1 (PRDX1)
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Target Details

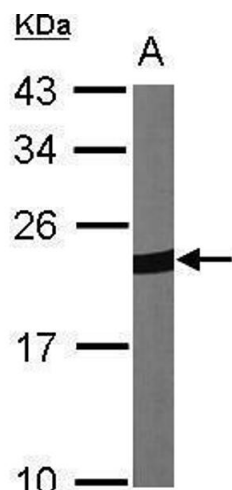
Alternative Name:	peroxiredoxin 1 (PRDX1 Products)
Background:	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Three transcript variants encoding the same protein have been identified for this gene.
Molecular Weight:	22 kDa
Gene ID:	5052
UniProt:	Q06830
Pathways:	p53 Signaling , EGFR Signaling Pathway , CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , NIH-3T3 Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

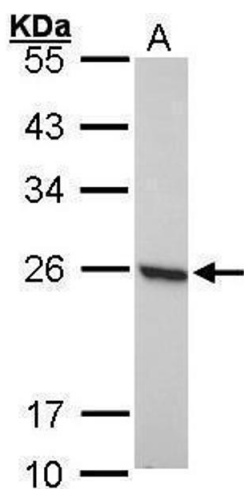
Handling

Format:	Liquid
Concentration:	0.22 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7), 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



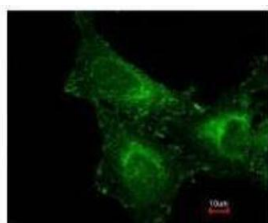
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate)
A: NIH-3T3 12% SDS PAGE antibody diluted at 1:1000

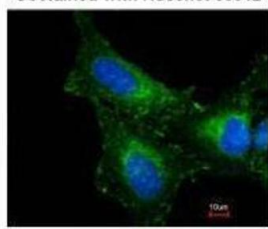


Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A:
293T 12% SDS PAGE antibody diluted at 1:1000



Costained with Hoechst 33342



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of
methanol-fixed HeLa, using PRX I, antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2855135.