Datasheet for ABIN630826

anti-Peroxiredoxin 1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	Peroxiredoxin 1 (PRDX1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PRDX1 antibody was raised using the N terminal of PRDX1 corresponding to a region with amino acids SSGNAKIGHPAPNFKATAVMPDGQFKDISLSDYKGKYVVFFFYPLDFTFV
Specificity:	PRDX1 antibody was raised against the N terminal of PRDX1
Purification:	Affinity purified

Target Details

Target:	Peroxiredoxin 1 (PRDX1)
Alternative Name:	PRDX1 (PRDX1 Products)
Background:	PRDX1 is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. It 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

Target Details

	and play a role in cancer development or progression.
Molecular Weight:	22 kDa (MW of target protein)
Pathways:	p53 Signaling, EGFR Signaling Pathway, CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PRDX1 Blocking Peptide, catalog no. 33R-8807, is also available for use as a blocking control in assays to test for specificity of this PRDX1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PRDX1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Western Blotting

Image 1. PRDX1 antibody used at 1 ug/ml to detect target protein.