

Datasheet for ABIN6738463

anti-Peroxiredoxin 1 antibody (N-Term)



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1 Image

Overview

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

Product Details

Immunogen:	Synthetic peptide from N-Terminus of human PRDX1 (Q06830, NP_002565). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Rat, Elephant, Bat, Rabbit, Pig, Guinea pig (100%), Mouse, Panda, Dog, Bovine, Horse, Opossum, Turkey, Zebra finch, Chicken, Platypus, Lizard, Trout, Salmon, Smelt, Sablefish, Stickleback (92%), Zebrafish, Drosophila (91%), Pike (85%), Catfish (84%), Beetle (83%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PRDX1 / Peroxiredoxin 1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Rat, Pig, Guinea pig (100%) Mouse, Dog, Bovine, Chicken (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: Peroxiredoxin 1 (PRDX1)

Alternative Name: PRDX1 / Peroxiredoxin 1 ([PRDX1 Products](#))

Background: Name/Gene ID: PRDX1

Synonyms: PRDX1, MSP23, PAGB, Peroxiredoxin-1, PRX1, NKEFA, Peroxiredoxin 1, Thioredoxin peroxidase 2, NKEF-A, PAG, PRXI, TDPX2

Gene ID: 5052

NCBI Accession: [NP_002565](#)

UniProt: [Q06830](#)

Pathways: [p53 Signaling](#), [EGFR Signaling Pathway](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Approved: WB

Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled Water.

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C,-20 °C

Handling

Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

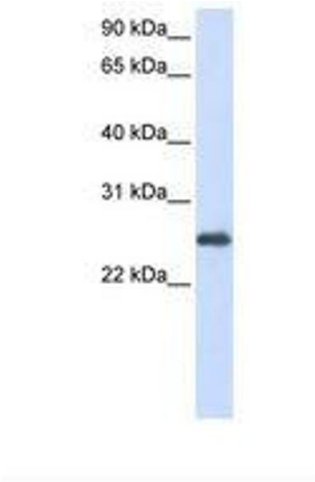


Image 1.