

Peroxiredoxin 3 (PRDX3) Antibody

CAB13074

Description

This Peroxiredoxin 3 (PRDX3) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB13074
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	AOP1, MER5, AOP-1, PPPCD, SP-22, HBC189, SCAR32, PRO1748, prx-III, Peroxiredoxin 3 (PRDX3)
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

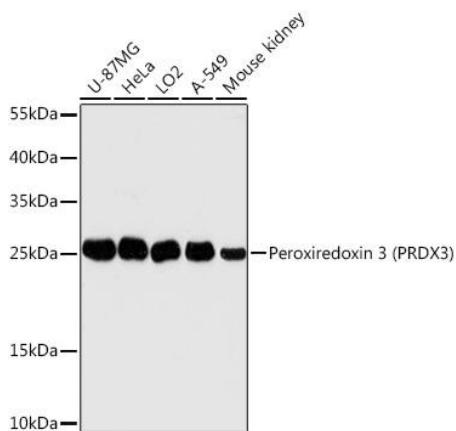
Antibody Data

Gene ID:	10935
Uniprot:	AB_2759922
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	28kDa
Calculated MW:	28kDa

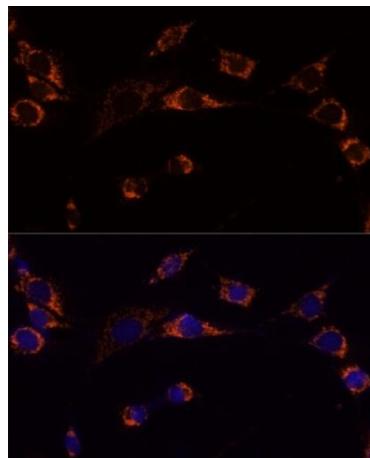
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.						
	Store Bradford Reagent at Room Temperature for 1 Year.						
Positive Sample:	U-87MG, HeLa, LO2, A-549, Mouse kidney						
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:100</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IF/ICC	1:50 - 1:100	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol						

Validation Data



Western blot analysis of various lysates using Peroxiredoxin 3 (PRDX3) Rabbit pAb (CAB13074) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using Peroxiredoxin 3 (PRDX3) Rabbit pAb (CAB13074) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.