

KD-Validated Anti-Peroxiredoxin 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

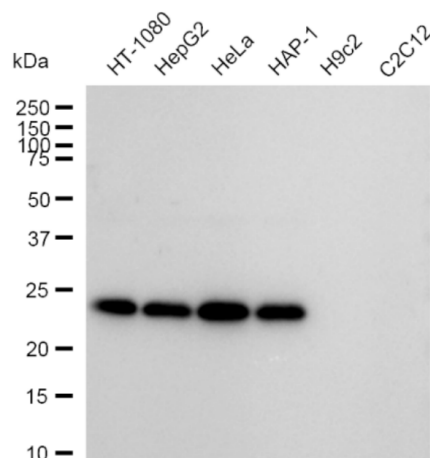
ABG1638

Product Overview

Name	KD-Validated Anti-Peroxiredoxin 3 Rabbit Monoclonal Antibody
Accession(Primary)	P30048
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Peroxiredoxin 3
Species Reactivity	Human
Calculated MW	Predicted, 28 kDa , observed , 24 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

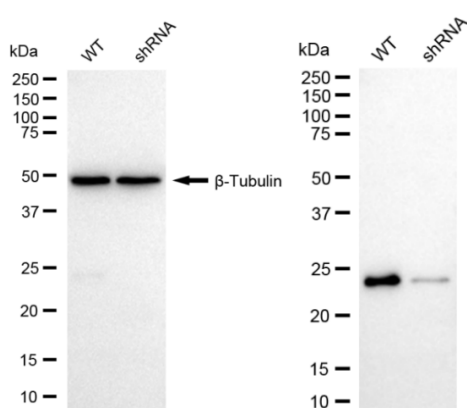
Target information (P30048)

Gene Name	PRDX3
About Gene Symbol	PRDX3 (Peroxiredoxin 3) is a peroxiredoxin antioxidant enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



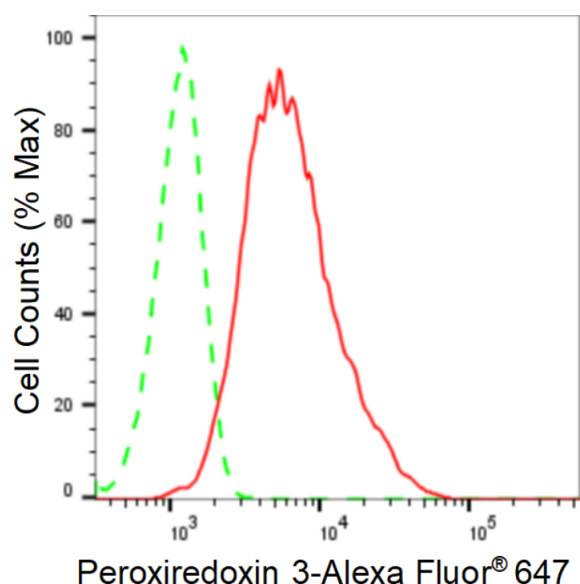
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Peroxiredoxin 3 antibody (Cat#ABG1638). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Peroxiredoxin 3 antibody (Cat#ABG1638, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



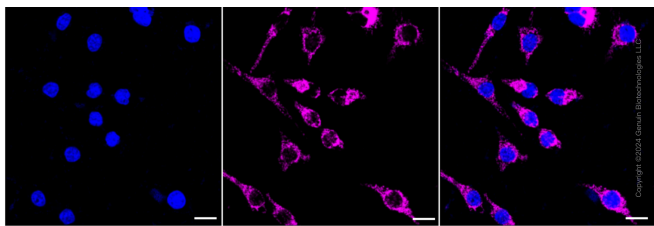
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Peroxiredoxin 3 antibody (Cat#ABG1638). Peroxiredoxin 3 expression in wild type (WT) and Peroxiredoxin 3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Peroxiredoxin 3 antibody (Cat#ABG1638, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of Peroxiredoxin 3 expression in HeLa cells using Peroxiredoxin 3 antibody (Cat#ABG1638, 1:2,000). Green, isotype control; red, Peroxiredoxin 3.



Immunocytochemical staining of HeLa cells with anti-Peroxiredoxin 3 antibody (Cat#ABG1638, 1:1,000). Nuclei were stained blue with DAPI; Peroxiredoxin 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.