

Product Datasheet

Peroxiredoxin 3 Antibody - BSA Free NBP2-19777

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-19777

Peroxisredoxin 3 Antibody - BSA Free

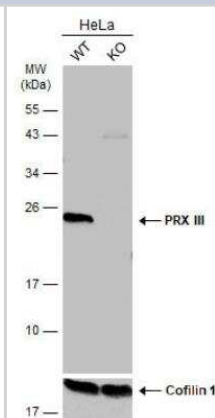
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	28 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Peroxisredoxin 3 Antibody - BSA Free (NBP2-19777) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Peroxisredoxin 3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10935
Gene Symbol	PRDX3
Species	Human, Mouse
Reactivity Notes	Rat (85%), Bovine (89%), Xenopus laevis (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Peroxisredoxin 3. The exact sequence is proprietary.

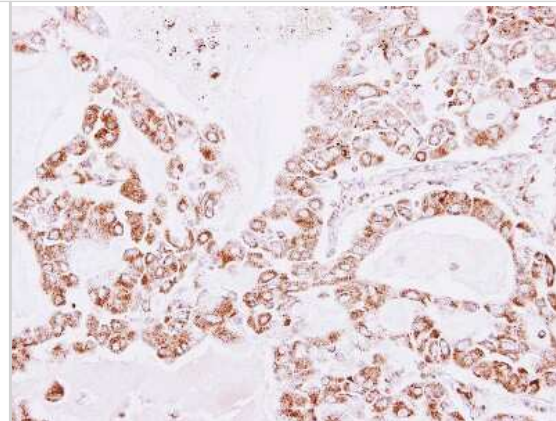
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

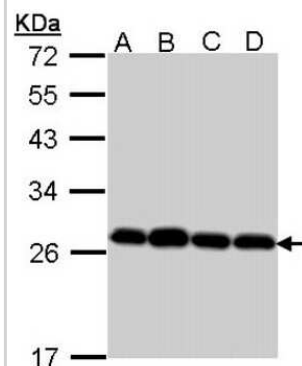
Western Blot: Peroxisredoxin 3 Antibody [NBP2-19777] - Wild-type (WT) and Peroxisredoxin 3 knockout (KO) HeLa cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Peroxisredoxin 3 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



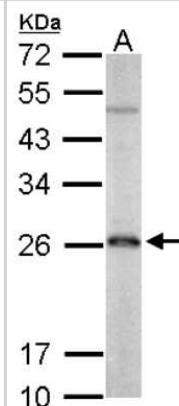
Immunohistochemistry-Paraffin: Peroxiredoxin 3 Antibody [NBP2-19777] - Immunohistochemical analysis of paraffin-embedded Lung AdC, using antibody at 1:100 dilution.



Western Blot: Peroxiredoxin 3 Antibody [NBP2-19777] - Sample (30 ug of whole cell lysate) A: HeLa B: Hep G2 C: Molt-4 D: Raji 12% SDS PAGE gel, diluted at 1:1000.



Western Blot: Peroxiredoxin 3 Antibody [NBP2-19777] - Sample (50 ug of whole cell lysate) A: Mouse Brain, 12% SDS PAGE gel, diluted at 1:1000.

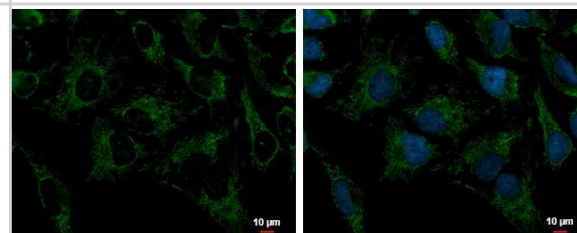


Peroxiredoxin 3 antibody [N1C3] detects Peroxiredoxin 3 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min.

Green: Peroxiredoxin 3 protein stained by Peroxiredoxin 3 antibody [N1C3] (NBP2-19777) diluted at 1:1000.

Blue: Hoechst 33342 staining.



Publications

Kumar A, Vaish M, Karuppagounder SS et al. HIF1 α stabilization in hypoxia is not oxidant-initiated eLife 2021-10-01 [PMID: 34596045]



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Products Related to NBP2-19777

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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