

Product Datasheet

Glutathione Peroxidase 4/GPX4 Antibody NBP2-76933

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

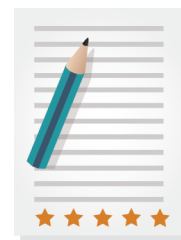
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NBP2-76933**Glutathione Peroxidase 4/GPX4 Antibody**

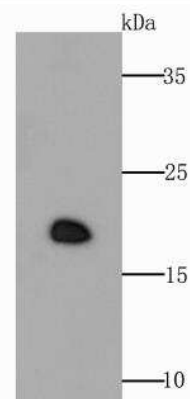
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	22 kDa

Product Description	
Host	Rabbit
Gene ID	2879
Gene Symbol	GPX4
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Glutathione Peroxidase 4/GPX4 aa 1-197 / 197. (SwissProt: P36969 Human; SwissProt: O70325 Mouse; SwissProt: P36970 Rat)

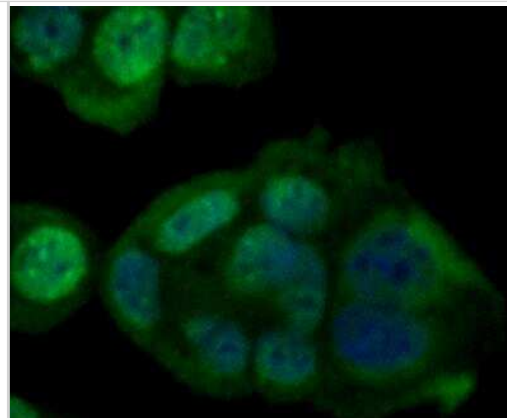
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50 -1:200

Images

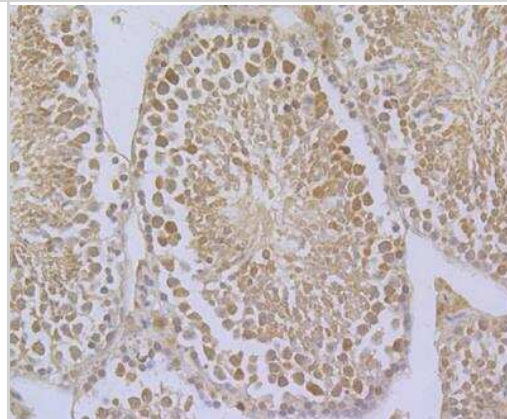
Western Blot: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - Western blot analysis of GPX4 on rat testis tissue lysate using anti-GPX4 antibody at 1/500 dilution.



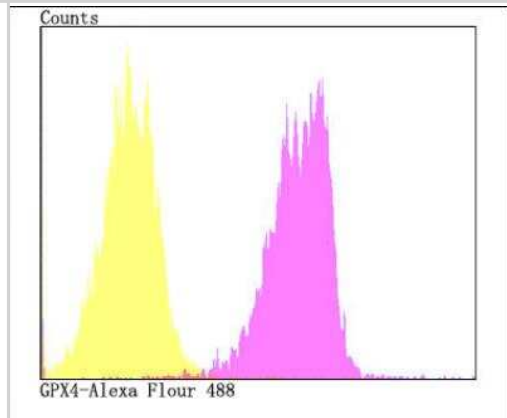
Immunocytochemistry/Immunofluorescence: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - ICC staining GPX4 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



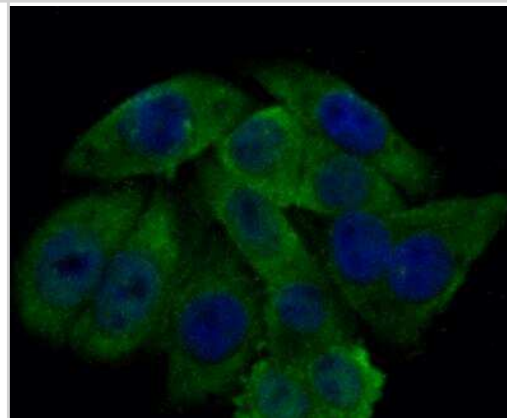
Immunohistochemistry: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti- GPX4 antibody. Counter stained with hematoxylin.



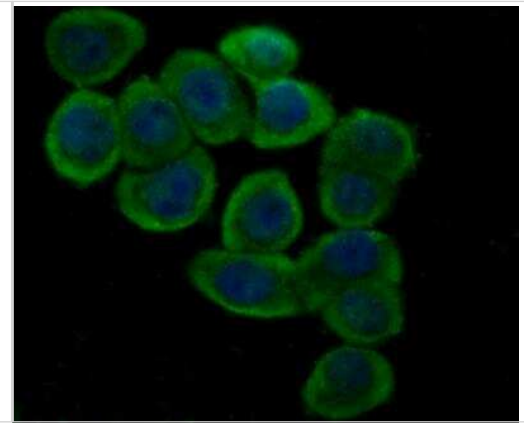
Flow Cytometry: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - Flow cytometric analysis of HepG2 cells with GPX4 antibody at 1/100 dilution (fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



Immunocytochemistry/Immunofluorescence: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - ICC staining GPX4 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-76933] - ICC staining GPX4 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Publications

Su H, Cantrell A, Chen J et al. SIRT3 Deficiency Enhances Ferroptosis and Promotes Cardiac Fibrosis via p53 Acetylation Cells 2023-05-19 [PMID: 37408261] (Western Blot, Rat)



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Products Related to NBP2-76933

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-54979PEP	Glutathione Peroxidase 4/GPX4 Recombinant Protein Antigen

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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