

Product Datasheet

Glutathione Peroxidase 4/GPX4 Antibody - BSA Free NBP2-56139

Unit Size: 100 ul

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

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NBP2-56139**Glutathione Peroxidase 4/GPX4 Antibody - BSA Free**

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

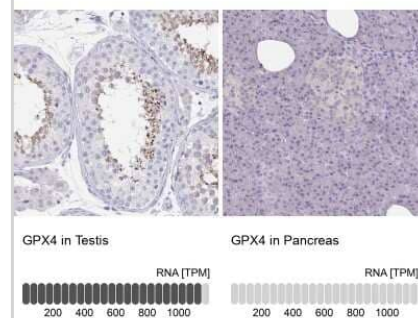
Product Description	
Description	Novus Biologicals Rabbit Glutathione Peroxidase 4/GPX4 Antibody - BSA Free (NBP2-56139) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2879
Gene Symbol	GPX4
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: TMCASRDDWRCARSMHEFSAKDIDGHMVNLDKYRGFVCIVTNVAS

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

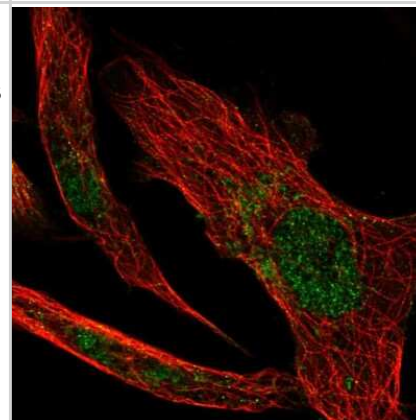


Images

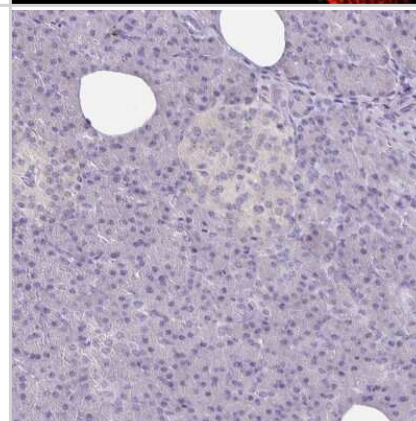
Immunohistochemistry-Paraffin: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-56139] - Staining in human testis and pancreas tissues using anti-GPX4 antibody. Corresponding GPX4 RNA-seq data are presented for the same tissues.



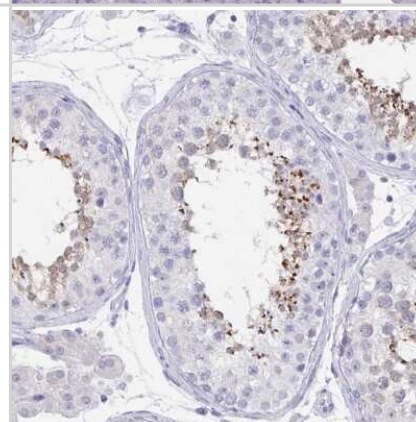
Immunocytochemistry/Immunofluorescence: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-56139] - Staining of human cell line U-251 MG shows localization to nucleoplasm and mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-56139] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: Glutathione Peroxidase 4/GPX4 Antibody [NBP2-56139] - Staining of human testis shows high expression.





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Products Related to NBP2-56139

NBP2-56139PEP	Glutathione Peroxidase 4/GPX4 Recombinant Protein Antigen
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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