

Product Datasheet

Glutathione Peroxidase 2/GPX2 Antibody - BSA Free NBP1-32002

Unit Size: 100 ul

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

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NBP1-32002

Glutathione Peroxidase 2/GPX2 Antibody - BSA Free

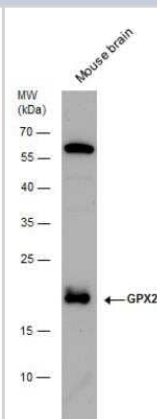
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	22 kDa

Product Description	
Description	Novus Biologicals Rabbit Glutathione Peroxidase 2/GPX2 Antibody - BSA Free (NBP1-32002) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2877
Gene Symbol	GPX2
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Glutathione Peroxidase 2/GPX2. The exact sequence is proprietary.

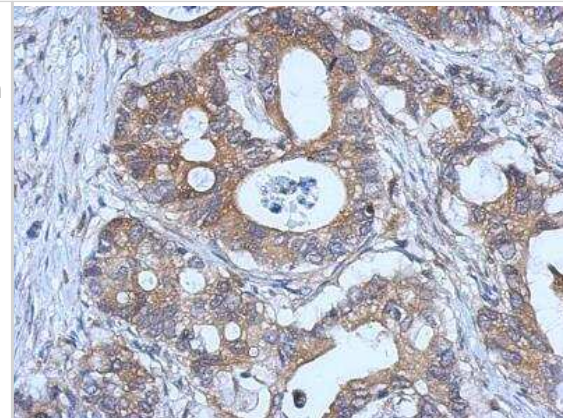
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

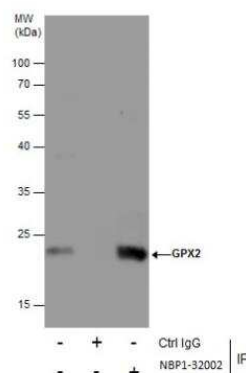
Western Blot: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Glutathione Peroxidase 2/GPX2 antibody detects GPX2 protein by Western blot analysis. Mouse tissue extracts (50 ug) was separated by 12 % SDS-PAGE, and blotted with Glutathione Peroxidase 2/GPX2 antibody diluted by 1:500



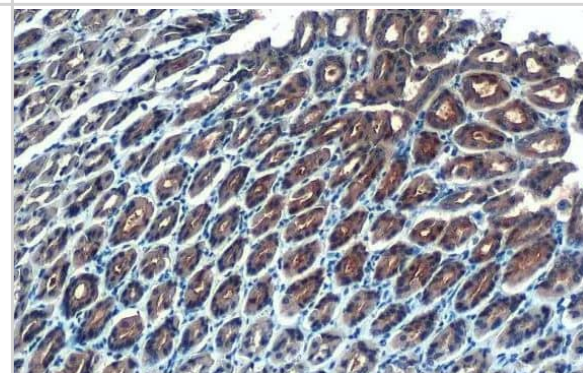
Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Human gastric cancer, using antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



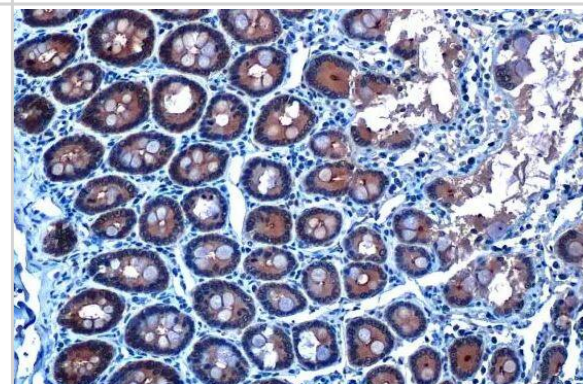
Immunoprecipitation: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Immunoprecipitation of GPX2 protein from HepG2 whole cell extracts using 5 ug of GPX2 antibody [C1C3]. Western blot analysis was performed using GPX2 antibody [C1C3]. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



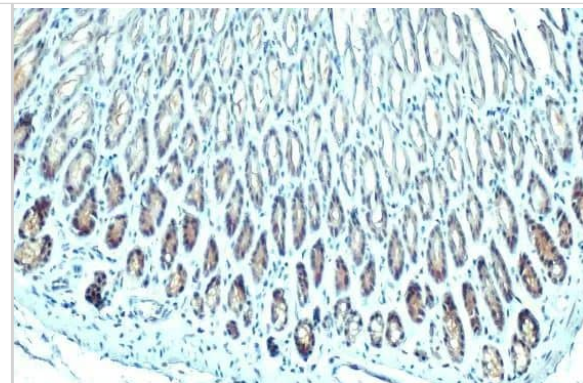
Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Mouse stomach. GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



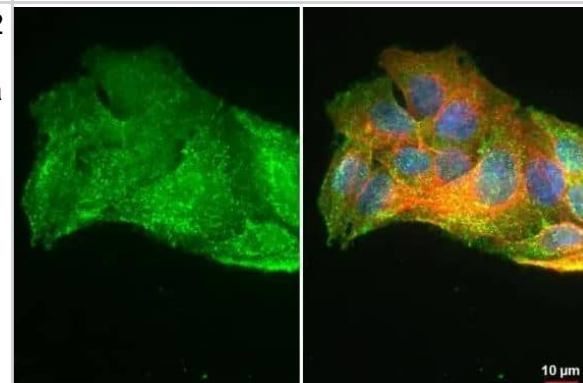
Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Rat duodenum. GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



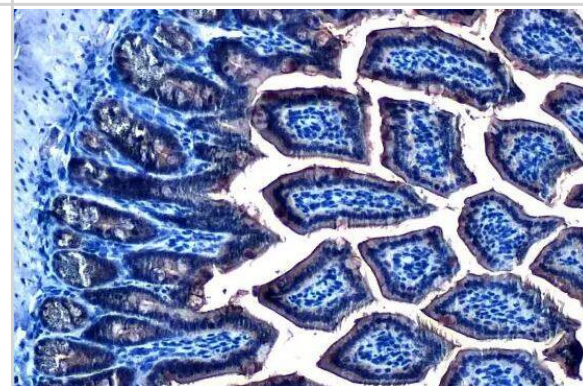
Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Mouse stomach. GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



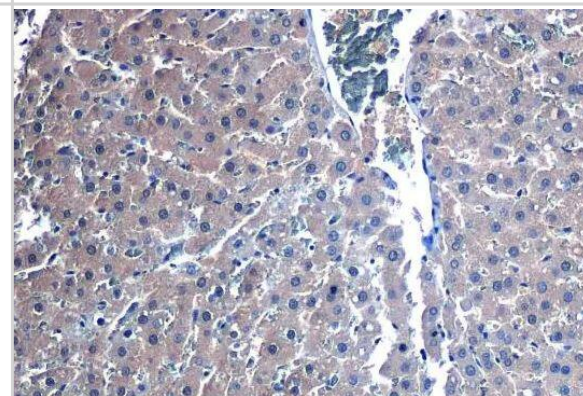
ICC/IF-Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Blue: Fluoroshield with DAPI.



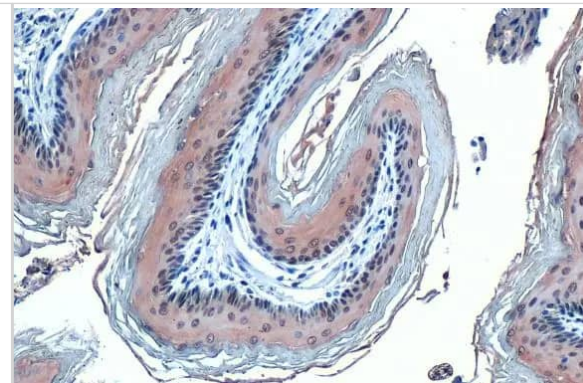
Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Mouse intestine. GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Rat liver. GPX2 stained by GPX2 antibody [C1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Glutathione Peroxidase 2/GPX2 antibody [C1C3] detects Glutathione Peroxidase 2/GPX2 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse esophagus. Glutathione Peroxidase 2/GPX2 stained by Glutathione Peroxidase 2/GPX2 antibody [C1C3] (NBP1-32002) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

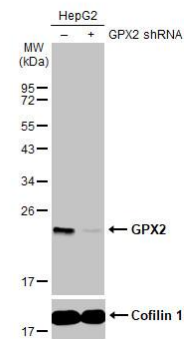


Immunohistochemistry: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Immunohistochemical analysis of paraffin-embedded mouse muscle, using Glutathione Peroxidase 2/GPX2(NBP1-32002) antibody at 1:500 dilution.

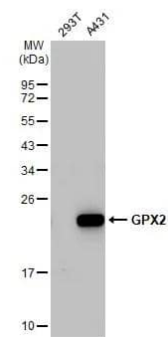
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



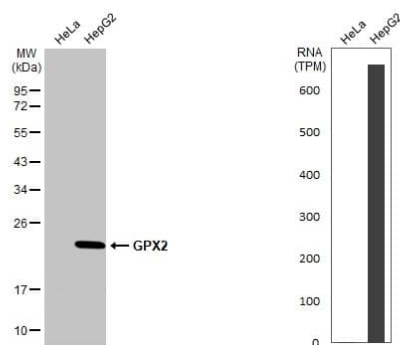
Western Blot: Glutathione Peroxidase 2/GPX2 Antibody [NBP1-32002] - Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with GPX2 antibody [C1C3] diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Glutathione Peroxidase 2/GPX2 antibody [C1C3] (NBP1-32002) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Glutathione Peroxidase 2/GPX2 antibody [C1C3] (NBP1-32002) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.





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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

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