

Product Datasheet

Glutathione Peroxidase 7 Antibody (2704) - Azide and BSA Free NB100-344

Unit Size: 0.1 ml

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

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NB100-344

Glutathione Peroxidase 7 Antibody (2704) - Azide and BSA Free

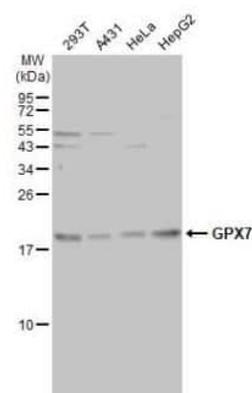
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2704
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS, 20% Glycerol (pH7)
Target Molecular Weight	21 kDa

Product Description	
Host	Mouse
Gene ID	2882
Gene Symbol	GPX7
Species	Human
Immunogen	Human Glutathione Peroxidase 7

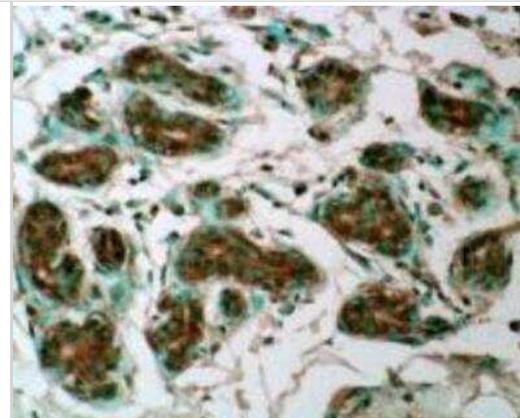
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:200-1:500, Immunohistochemistry-Paraffin 1:200 - 1:500

Images

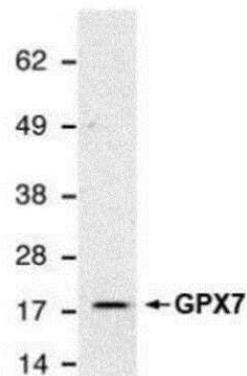
Western Blot: Glutathione Peroxidase 7 Antibody (2704) [NB100-344] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with GPX7 antibody [2704] diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



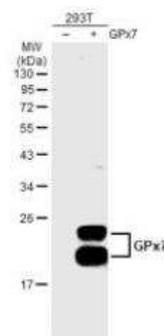
Immunohistochemistry: Glutathione Peroxidase 7 Antibody (2704) [NB100-344]



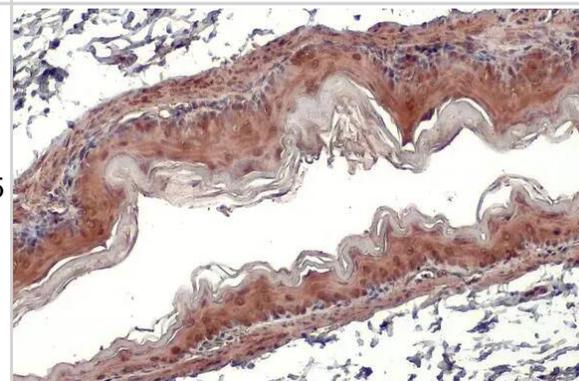
Western Blot: Glutathione Peroxidase 7 Antibody (2704) [NB100-344] - Detection of GPX7 in HeLa whole cell extract.



Western Blot: Glutathione Peroxidase 7 Antibody (2704) [NB100-344] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with GPX7 antibody [2704] diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Glutathione Peroxidase 7 Antibody (2704) [NB100-344] - Glutathione Peroxidase 7 antibody [2704] detects Glutathione Peroxidase 7 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse stomach. Glutathione Peroxidase 7 stained by Glutathione Peroxidase 7 antibody [2704] (NB100-344) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Publications

Peng DF, Razvi M, Chen H et al. DNA hypermethylation regulates the expression of members of the Mu-class glutathione S-transferases and glutathione peroxidases in Barrett's adenocarcinoma. *Gut* 2009-01-01 [PMID: 18664505] (WB)

Utomo A, Jiang X, Furuta S et al. Identification of a novel putative non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase (NPGPx) essential for alleviating oxidative stress generated from polyunsaturated fatty acids in breast cancer cells. *J Biol Chem* 2004-10-15 [PMID: 15294905] (WB)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-344

NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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