

# Product Datasheet

## Glutathione Peroxidase 7 Antibody NB100-41103

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-41103**

## Glutathione Peroxidase 7 Antibody

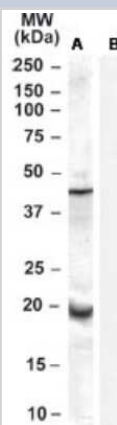
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2882
Gene Symbol	GPX7
Species	Human
Immunogen	Peptide with sequence CNQFGQQEPDSNK corresponding to internal region according to NP_056511.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Peptide ELISA Detection limit 1:32000

**Images**

Western Blot: Glutathione Peroxidase 7 Antibody [NB100-41103] - Analysis of Glutathione Peroxidase 7 in Human Prostate lysate using this antibody at 0.3 ug/mL. With (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

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]



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### **Products Related to NB100-41103**

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NBL1-11318	Glutathione Peroxidase 7 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **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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