

# Product Datasheet

## Glutathione Peroxidase 1/GPX1 Antibody NBP2-26155

Unit Size: 0.1 mg

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

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**NBP2-26155****Glutathione Peroxidase 1/GPX1 Antibody****Product Information**

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

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	2876
<b>Gene Symbol</b>	GPX1
<b>Species</b>	Mouse, Rat
<b>Immunogen</b>	Peptide with sequence C-QSTVYAFSARP corresponding to internal region (near N-Terminus) according to NP_032186.2.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: Approx. 22 kDa band observed in mouse and rat kidney and liver lysates (calculated MW of 22.3 kDa band according to NP_032186.2).

**Images**

Western Blot: Glutathione Peroxidase 1/GPX1 Antibody [NBP2-26155] - Staining of Rat Liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

**Publications**

Lubos E, Kelly NJ, Oldebeken SR et al. Glutathione peroxidase-1 deficiency augments proinflammatory cytokine induced redox signaling and human endothelial cell activation. J Biol Chem 2011-10-14 [PMID: 21852236]



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### **Products Related to NBP2-26155**

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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
NBP1-72512-100ug	Recombinant Human Glutathione Peroxidase 1/GPX1 His Protein

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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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