

# Product Datasheet

## Glutathione Peroxidase 1/GPX1 Antibody NBP2-26156

Unit Size: 0.1 mg

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

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**NBP2-26156**

## Glutathione Peroxidase 1/GPX1 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	
Description	Novus Biologicals Goat Glutathione Peroxidase 1/GPX1 Antibody (NBP2-26156) is a polyclonal antibody validated for use in WB and ELISA. Anti-Glutathione Peroxidase 1/GPX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2876
Gene Symbol	GPX1
Species	Mouse, Rat
Immunogen	Peptide with sequence C-DYTEMNDLQKRLGPR corresponding to internal region according to NP_032186.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 22 kDa band observed in rat kidney and liver lysates and in mouse kidney lysates (calculated MW of 22.3 kDa band according to NP_032186.2).

**Images**

Western Blot: Glutathione Peroxidase 1/GPX1 Antibody [NBP2-26156] - 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 NBP2-26156**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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