

# Product Datasheet

## Peroxiredoxin 1 Antibody

### NBP1-06064

Unit Size: 0.1 mg

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

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#### Publications: 1

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**NBP1-06064**

## Peroxiredoxin 1 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

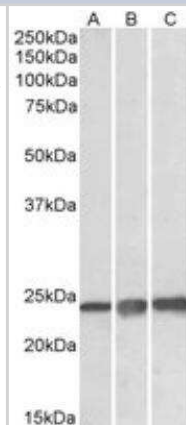
Product Description	
Description	Novus Biologicals Goat Peroxiredoxin 1 Antibody (NBP1-06064) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Peroxiredoxin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5052
Gene Symbol	PRDX1
Species	Human
Specificity/Sensitivity	Reported variants represent identical protein (NP_002565.1, NP_859047.1, NP_859048.1).
Immunogen	Peptide with sequence C-SDPKRTIAQDYG corresponding to internal region according to NP_859048.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	Western blot: Approx 24 kDa band observed in lysates of cell line HEK293, A431 and HepG2 (calculated MW of 22.1 kDa according to NP_859048.1).



## Images

Western Blot: Peroxiredoxin 1 Antibody [NBP1-06064] - Staining lysate of cell line HEK293 (A), A431 (B) and HepG2 (C). Antibody at 0.1 ug/mL. 35 ug protein in RIPA buffer. Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Peroxiredoxin 1 Antibody [NBP1-06064] - Staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining. Antibody at 2.5 ug/mL.



## Publications

Jonsson TJ, Johnson LC, Lowther WT. Structure of the sulphiredoxin-peroxiredoxin complex reveals an essential repair embrace. Nature 2008-01-03 [PMID: 18172504]



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### **Products Related to NBP1-06064**

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NBL1-14737	Peroxiredoxin 1 Overexpression Lysate
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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