

# Product Datasheet

## Peroxiredoxin 6 Antibody - BSA Free NBP1-90332

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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### Publications: 1

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**NBP1-90332**

Peroxiredoxin 6 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. 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>	PBS (pH 7.2) and 40% Glycerol

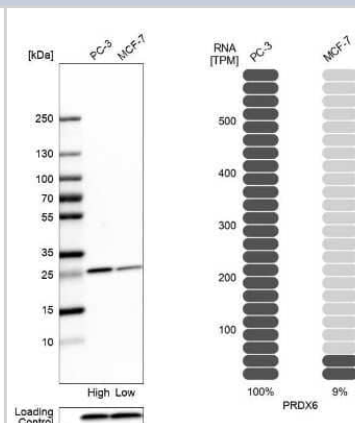
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	9588
<b>Gene Symbol</b>	PRDX6
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 20647035)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPRDFTPVCTTELGRAAK LAPEFAKRNVKLIALSIDSVEDHLAWSKDINAYNCEEPTEKLPFPIIDDRNRELAIL LGMLDPAEKDEKGMPVTARVVFVFGPDKKLLKSILYPA

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

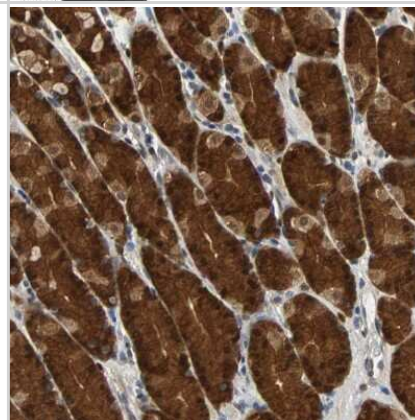


## Images

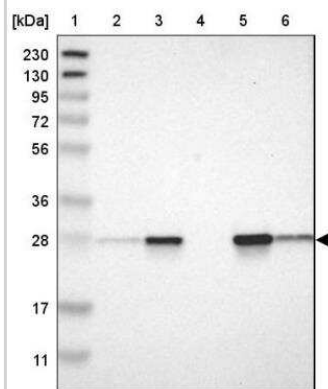
Western Blot: Peroxiredoxin 6 Antibody [NBP1-90332] - Analysis in human cell lines PC-3 and MCF-7 using anti-PRDX6 antibody. Corresponding PRDX6 RNA-seq data are presented for the same cell lines. Loading control: anti-COX411.



Immunohistochemistry-Paraffin: Peroxiredoxin 6 Antibody [NBP1-90332] - Staining of human stomach shows strong nuclear and cytoplasmic positivity in glandular cells.



Western Blot: Peroxiredoxin 6 Antibody [NBP1-90332] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



## Publications

Dammeyer P, Arner ES., et al. Human Protein Atlas of redox systems - What can be learnt? *Biochim Biophys Acta* 2010-07-18 [PMID: 20647035]



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### **Products Related to NBP1-90332**

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NBP1-90332PEP	Peroxiredoxin 6 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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