

# Product Datasheet

## Thioredoxin Reductase 1/TRXR1 Antibody - BSA Free NBP1-81791

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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**NBP1-81791**

Thioredoxin Reductase 1/TRXR1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

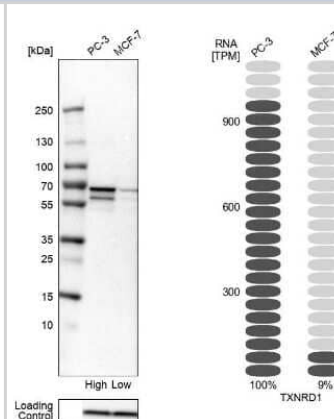
Product Description	
Host	Rabbit
Gene ID	7296
Gene Symbol	TXNRD1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SCEDGRALEGTLSELAETDLPVVFVKQRKIGGHGPTLKAYQEGRLQKLLKMN GPEDLPKSYDYDLIIIGGGSGGLAAAKEAAQYGKKVMVLDFVTPTPLGTRWGL GGTCVNVGCIPKKLMHQAALLGQALQDSRNYG

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

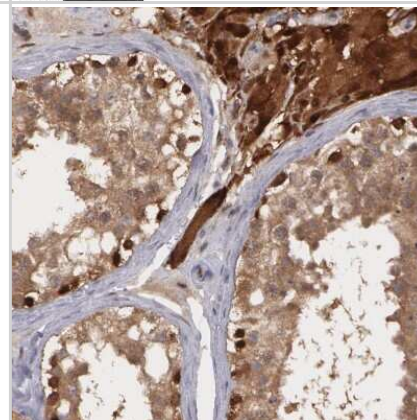


## Images

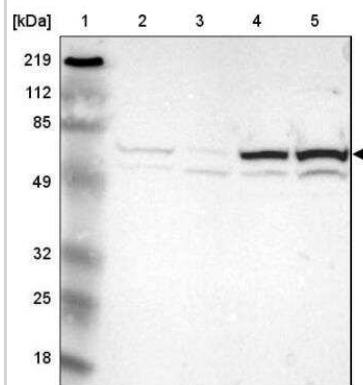
Western Blot: Thioredoxin Reductase 1/TRXR1 Antibody [NBP1-81791] - Analysis in human cell lines PC-3 and MCF-7 using Anti-TXNRD1 antibody. Corresponding TXNRD1 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



Immunohistochemistry-Paraffin: Thioredoxin Reductase 1/TRXR1 Antibody [NBP1-81791] - Staining of human testis shows strong cytoplasmic and nuclear positivity in Leydig cells and basal cells in the seminiferous ducts.



Western Blot: Thioredoxin Reductase 1/TRXR1 Antibody [NBP1-81791] - Lane 1: Marker [kDa] 219, 112, 85, 49, 32, 25, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431. Lane 5: Human liver tissue



## Publications

Capitanio D, Barbacini P, Arosio B et al. Can Serum Nitrosoproteome Predict Longevity of Aged Women? International Journal of Molecular Sciences 2020-11-27 [PMID: 33260845] (Western Blot)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-81791**

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NBP1-81791PEP	Thioredoxin Reductase 1/TRXR1 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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