

# Product Datasheet

## Thioredoxin-1 Antibody (116) - Azide and BSA Free NBP2-89458-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89458-100ul**

Thioredoxin-1 Antibody (116) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the 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>	Monoclonal
<b>Clone</b>	116
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS

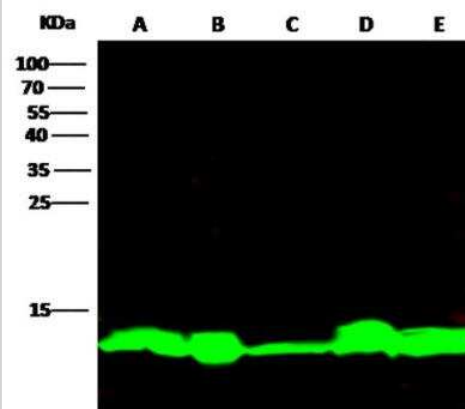
<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7295
<b>Gene Symbol</b>	TXN
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human Thioredoxin-1 (Uniprot#: P10599; Met1-Val105).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunoprecipitation 4-6 uL/mg of lysate

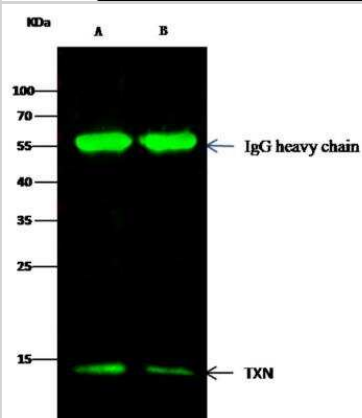


## Images

Western Blot: Thioredoxin-1 Antibody (116) [NBP2-89458] - Lane A: HeLa Whole Cell Lysate Lane B: THP-1 Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:12 kDa Observed band size:14 kDa



Immunoprecipitation: Thioredoxin-1 Antibody (116) [NBP2-89458] - Lane A:0.5 mg HeLa Whole Cell Lysate Lane B:0.5 mg 293T Whole Cell Lysate 2 uL anti-TXN rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-TXN rabbit monoclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 13 kDa



## Publications

Slezak AJ, Mansurov A, Raczy MM Et al. Tumor Cell-Surface Binding of Immune Stimulating Polymeric Glyco-Adjuvant via Cysteine-Reactive Pyridyl Disulfide Promotes Antitumor Immunity ACS Cent Sci Oct 31 2022 12:00AM [PMID: 36313164] (IHC-Fr, Mouse)

Details:

Citation using the Alexa Fluor 594 version of this antibody.



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-44476	Recombinant E. coli Thioredoxin-1 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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