

Product Datasheet

Thioredoxin-1 Antibody (JF101-8) NBP2-67195

Unit Size: 100 μ l

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

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NBP2-67195

Thioredoxin-1 Antibody (JF101-8)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF101-8
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

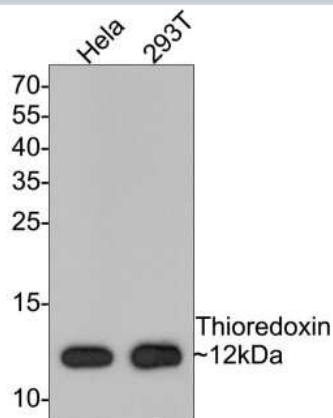
Host	Rabbit
Gene Symbol	TXN
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Thioredoxin-1 aa 78-105 / 105. (SwissProt: P10599 Human; SwissProt: P10639 Mouse; SwissProt: P11232 Rat)

Product Application Details

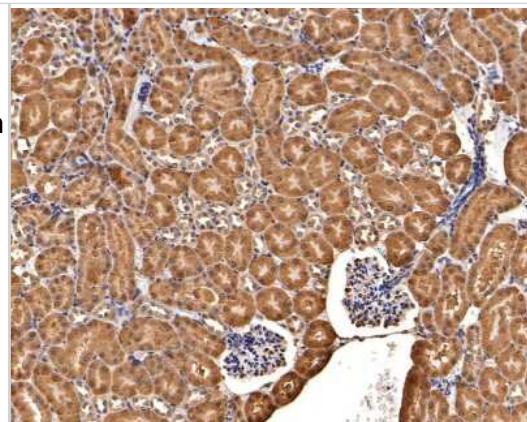
Applications	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry-Paraffin 1:400

Images

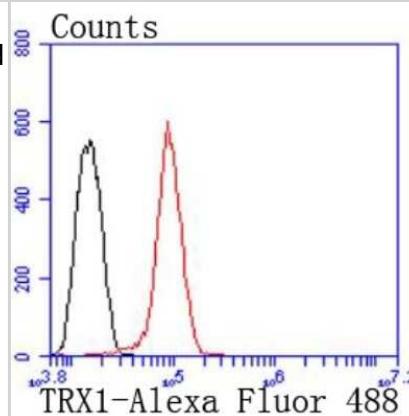
Western Blot: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of Thioredoxin-1 on different lysates with Rabbit anti-Thioredoxin-1 antibody at 1/500 dilution. Lane 1: Hela cell lysate. Lane 2: 293T cell lysate. Lysates/proteins at 10 ug/Lane. Predicted band size: 12 kDa. Observed band size: 12 kDa. Exposure time: 2 minutes; 15% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



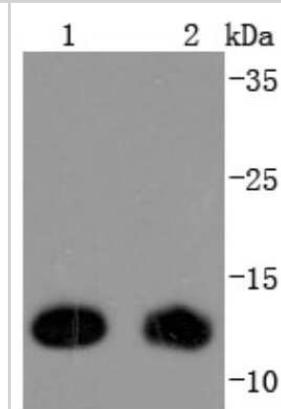
Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of paraffin-embedded mouse kidney tissue with Rabbit anti-Thioredoxin-1 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



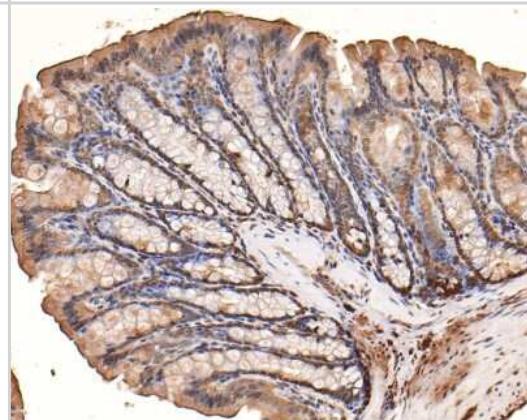
Flow Cytometry: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of HeLa cells with TRX1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



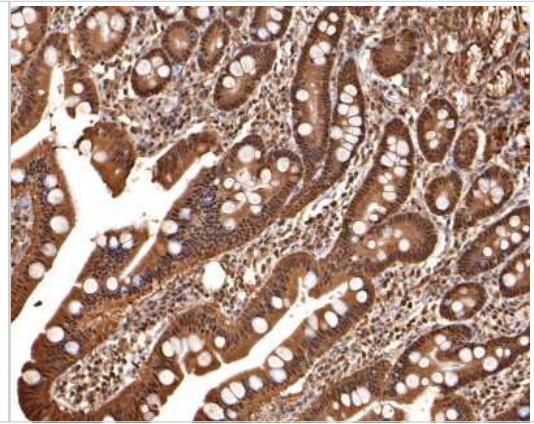
Western Blot: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of TRX1 on different lysates using anti-TRX1 antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: 293T



Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of paraffin-embedded rat big intestine tissue with Rabbit anti-Thioredoxin-1 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JF101-8) [NBP2-67195] - Analysis of paraffin-embedded human small intestine tissue with Rabbit anti-Thioredoxin-1 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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