

Product Datasheet

Thioredoxin-1 Antibody (JM10-019) NBP2-67198

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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NBP2-67198

Thioredoxin-1 Antibody (JM10-019)

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	JM10-019
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

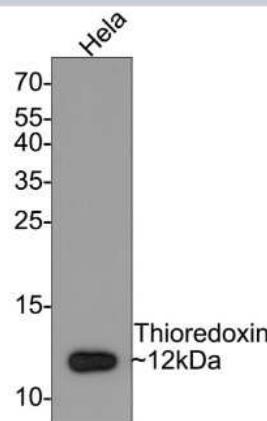
Host	Rabbit
Gene Symbol	TXN
Species	Human
Immunogen	Synthetic peptide within Human Thioredoxin-1 aa 6-50 / 105. (SwissProt: P10599 Human)

Product Application Details

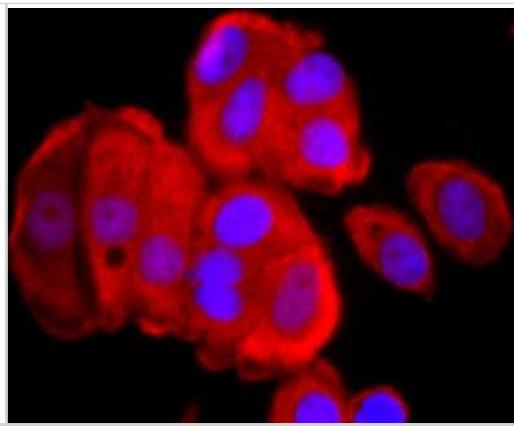
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:400

Images

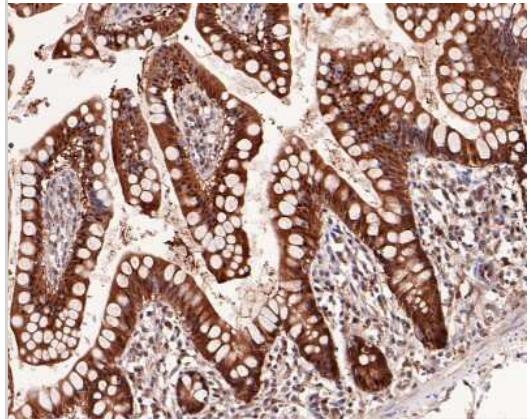
Western Blot: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of Thioredoxin-1 on Hela cell lysates with Rabbit anti-Thioredoxin-1 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 12 kDa Observed band size: 12 kDa. Exposure time: 2 minutes; 15% SDS-PAGE gel. 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.



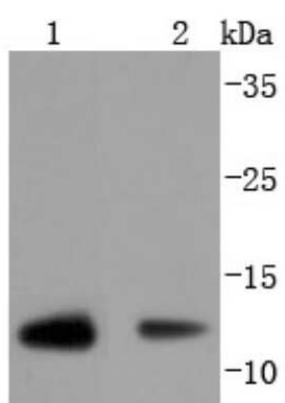
Immunocytochemistry/Immunofluorescence: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Staining TRX1 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



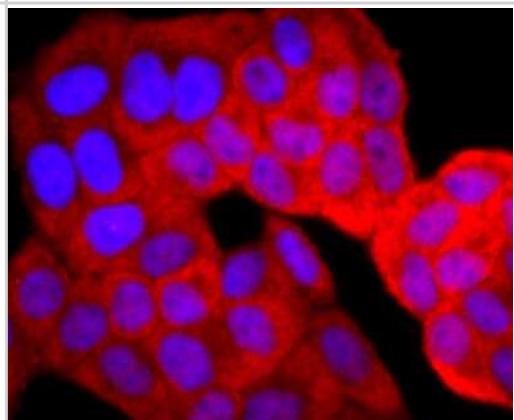
Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of paraffin-embedded human small intestine tissue with Rabbit anti-Thioredoxin-1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody 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.



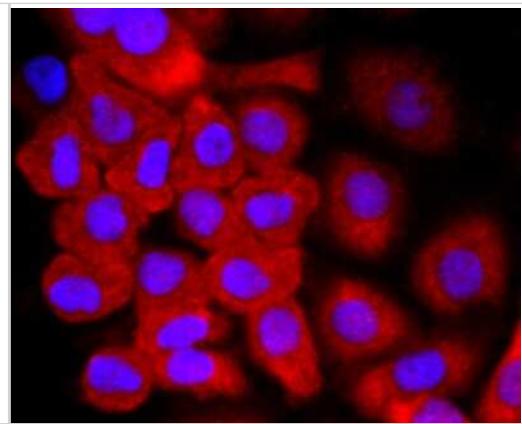
Western Blot: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of TRX1 on different lysates using anti-TRX1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Human lung



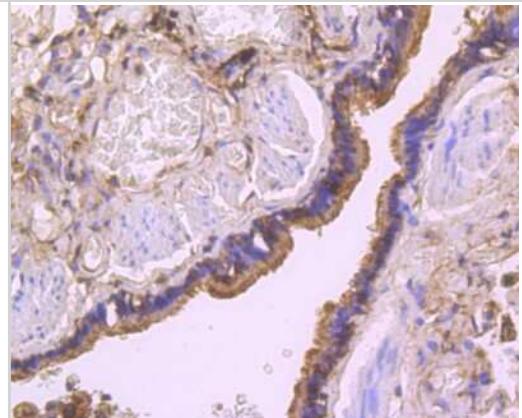
Immunocytochemistry/Immunofluorescence: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Staining TRX1 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



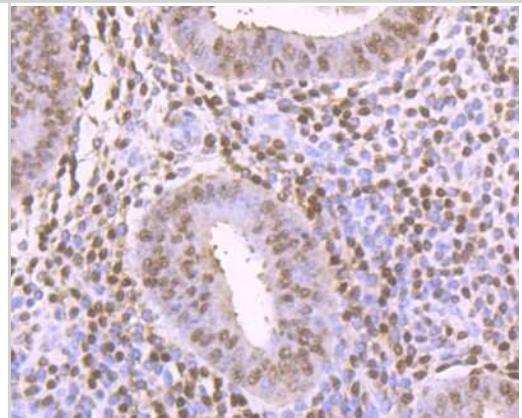
Immunocytochemistry/Immunofluorescence: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Staining TRX1 in SKOV-3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



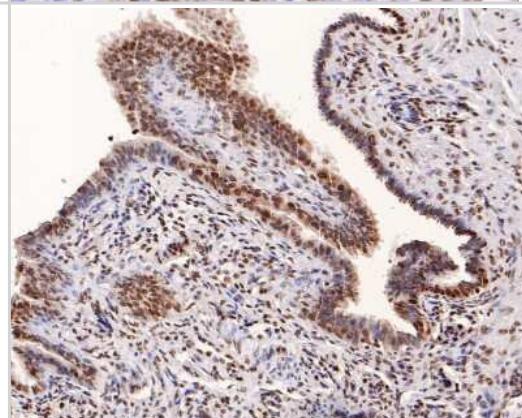
Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of paraffin-embedded human lung tissue using anti-TRX1 antibody. Counter stained with hematoxylin.



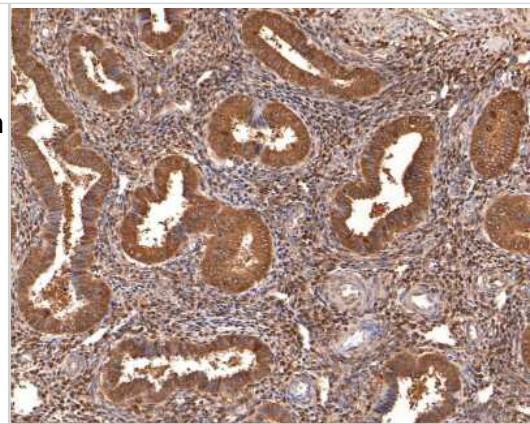
Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of paraffin-embedded human uterus tissue using anti-TRX1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Thioredoxin-1 Antibody (JM10-019) [NBP2-67198] - Analysis of paraffin-embedded human fallopian tube tissue with Rabbit anti-Thioredoxin-1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody 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 (JM10-019) [NBP2-67198] - Analysis of paraffin-embedded human uterus 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.





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

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