

Product Datasheet

Thioredoxin-2 Antibody - BSA Free NBP1-92499

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: 2

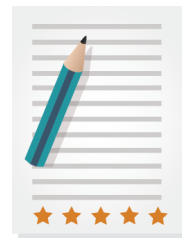
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Updated 2/21/2025 v.20.1

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NBP1-92499

Thioredoxin-2 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	25828
Gene Symbol	TXN2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LTSRALQTPQCSPGGLTVTPNPARTIYTTRISLTTFNIQDGPDFQDRVVNSETPV VVDFAHQWCGPCKILGPRLEKMKVAKQHKGKVVMAKVDIDDHTDLAIEYEVSAVP TVLAMKNGDVVDKFKVGIKDEDQLEAFLKKL

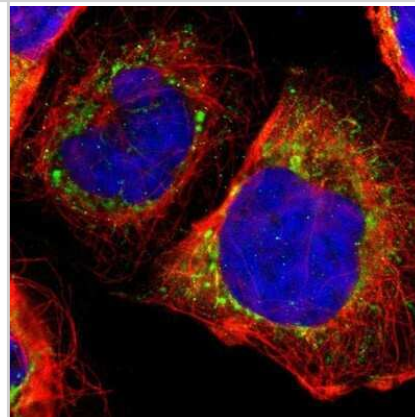
Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

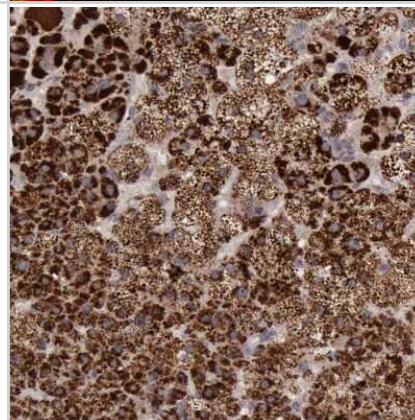


Images

Immunocytochemistry/Immunofluorescence: Thioredoxin-2 Antibody [NBP1-92499] - Staining of human cell line A-431 shows positivity in mitochondria.



Immunohistochemistry-Paraffin: Thioredoxin-2 Antibody [NBP1-92499] - Staining of human adrenal gland shows strong granular cytoplasmic positivity in glandular cells.



Publications

Karmi O, Sohn YS, Zandalinas SI et al. Disrupting CISD2 function in cancer cells primarily impacts mitochondrial labile iron levels and triggers TXNIP expression Free Radical Biology and Medicine 2021-11-01 [PMID: 34547371]

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 NBP1-92499

NBP1-92499PEP	Thioredoxin-2 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

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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