

Product Datasheet

Thioredoxin Reductase 1/TRXR1 Antibody NBP2-20620

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-20620**Thioredoxin Reductase 1/TRXR1 Antibody****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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	71 kDa

Product Description

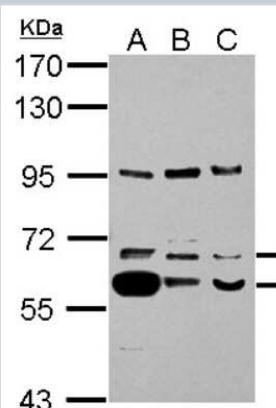
Host	Rabbit
Gene ID	7296
Gene Symbol	TXNRD1
Species	Human, Mouse, Rat
Reactivity Notes	Chimpanzee (99%), Xenopus laevis (82%), Chicken (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Thioredoxin Reductase 1/TRXR1. The exact sequence is proprietary.

Product Application Details

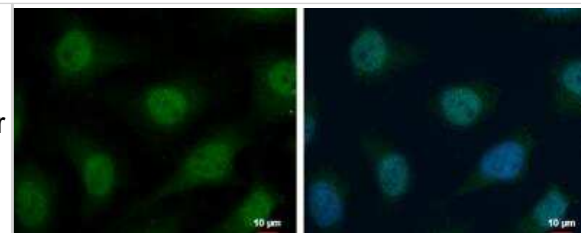
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

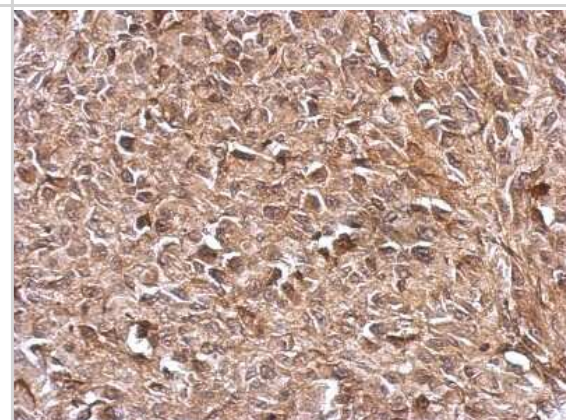
Western Blot: thioredoxin reductase 1 Antibody [NBP2-20620] - Sample (30 ug of whole cell lysate) A: A549 B: H1299 C: HCT116 7. 5% SDS PAGE gel, diluted at 1:1000.



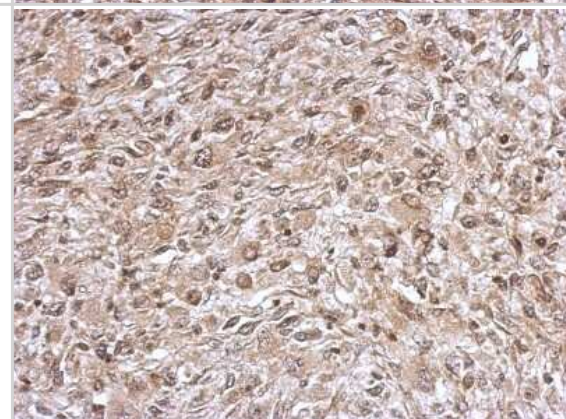
Immunocytochemistry/Immunofluorescence: Thioredoxin Reductase 1/TRXR1 Antibody [NBP2-20620] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: TrxR1 protein stained by TrxR1 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



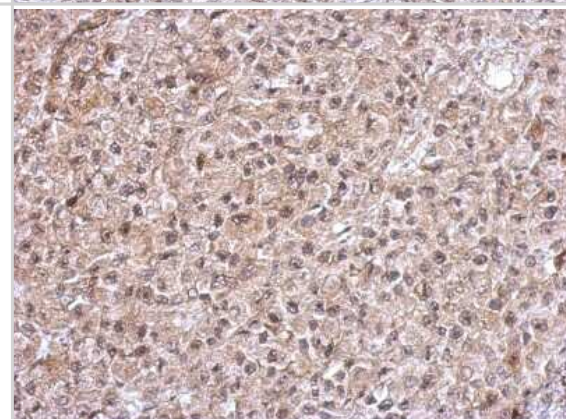
Immunohistochemistry-Paraffin: Thioredoxin Reductase 1/TRXR1 Antibody [NBP2-20620] - Analysis of paraffin-embedded RT2 xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: Thioredoxin Reductase 1/TRXR1 Antibody [NBP2-20620] - Analysis of paraffin-embedded C2C12 xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: Thioredoxin Reductase 1/TRXR1 Antibody [NBP2-20620] - Analysis of paraffin-embedded HBL435 xenograft, using antibody at 1:500 dilution.



Publications

Seale LA, Ha HY, Hashimoto AC et al. Relationship between selenoprotein P and selenocysteine lyase: Insights into selenium metabolism. Free Radic Biol Med 2018-03-20 [PMID: 29567390] (WB)



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Products Related to NBP2-20620

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-44456	Recombinant Human Thioredoxin Reductase 1/TRXR1 His Protein

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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