

Product Datasheet

Ferredoxin Reductase Antibody - BSA Free NBP2-38706

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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NBP2-38706

Ferredoxin Reductase 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

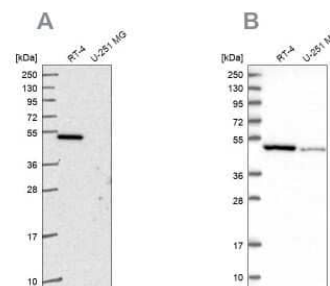
Host	Rabbit
Gene ID	2232
Gene Symbol	FDXR
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTMTDSFLTQMLLQD LKAGLLPSGPRPGYAAIQALLSSRGVRPVFSFSDWEKLDAE

Product Application Details

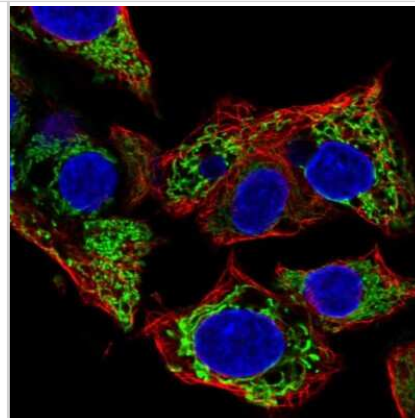
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

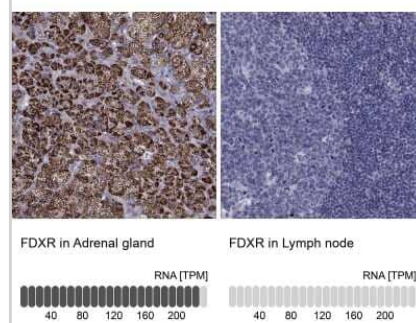
Western Blot: Ferredoxin Reductase Antibody [NBP2-38706] - Analysis using Anti-FDXR antibody NBP2-38706 (A) shows similar pattern to independent antibody NBP2-38530 (B).



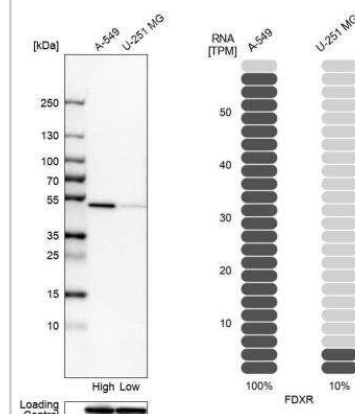
Immunocytochemistry/Immunofluorescence: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human cell line Hep G2 shows localization to mitochondria. Antibody staining is shown in green.



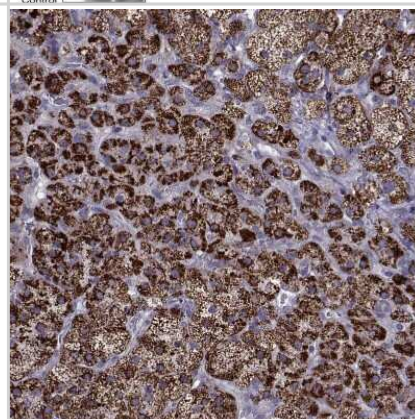
Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining in human adrenal gland and lymph node tissues using NBP2-38706 antibody. Corresponding FDXR RNA-seq data are presented for the same tissues.



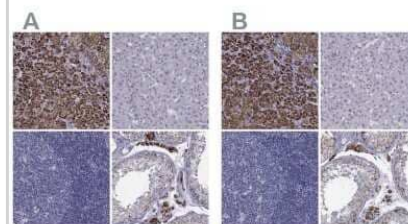
Western Blot: Ferredoxin Reductase Antibody [NBP2-38706] - Analysis in human cell lines A-549 and U-251MG. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



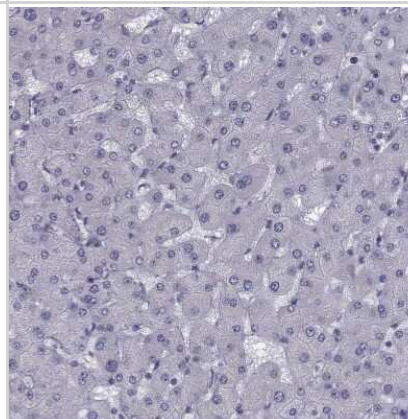
Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human adrenal gland shows strong granular cytoplasmic positivity in glandular cells.



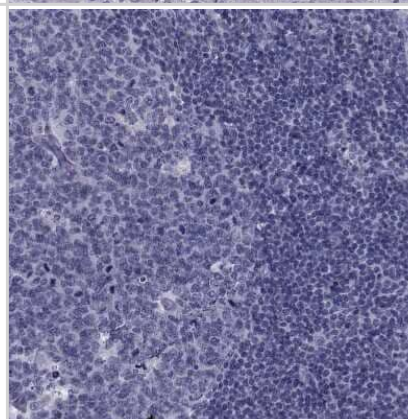
Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human adrenal gland, liver, lymph node and testis using Anti-FDXR antibody NBP2-38706 (A) shows similar protein distribution across tissues to independent antibody NBP2-38530 (B).



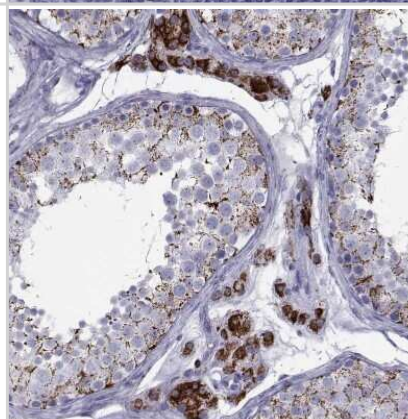
Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: Ferredoxin Reductase Antibody [NBP2-38706] - Staining of human testis shows strong granular cytoplasmic positivity in Leydig cells.





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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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