

Product Datasheet

FDX1 Antibody - BSA Free NBP1-89227

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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NBP1-89227

FDX1 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

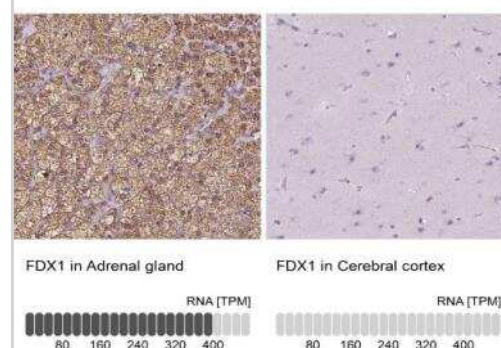
Description	Novus Biologicals Rabbit FDX1 Antibody - BSA Free (NBP1-89227) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FDX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2230
Gene Symbol	FDX1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NLDIDGFGACEGTLACSTCHLIFEDHIYEKLDAITDEENDMLDLAYGLTDRSRLG C

Product Application Details

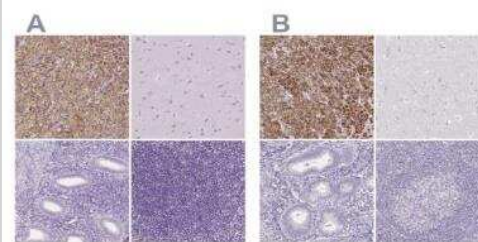
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 -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

Images

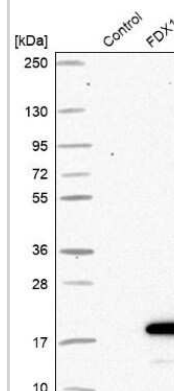
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Analysis in human adrenal gland and cerebral cortex tissues using NBP1-89227 antibody. Corresponding FDX1 RNA-seq data are presented for the same tissues.



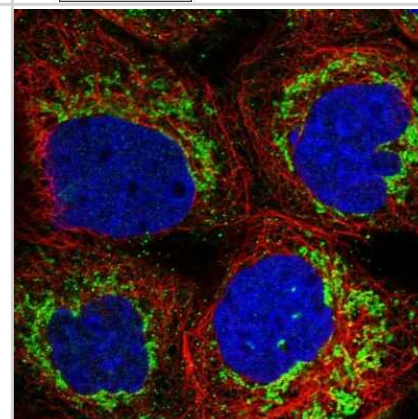
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Staining of human adrenal gland, cerebral cortex, endometrium and tonsil using Anti-FDX1 antibody NBP1-89227 (A) shows similar protein distribution across tissues to independent antibody (B).



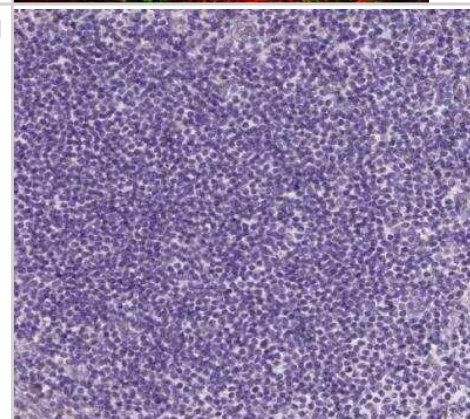
Western Blot: FDX1 Antibody [NBP1-89227] - Analysis in control (vector only transfected HEK293T lysate) and FDX1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



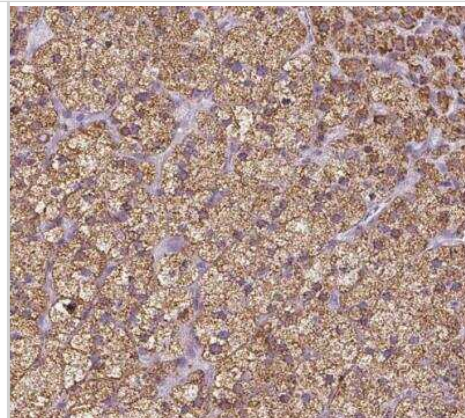
Immunocytochemistry/Immunofluorescence: FDX1 Antibody [NBP1-89227] - Immunofluorescent staining of human cell line A-431 shows localization to mitochondria.



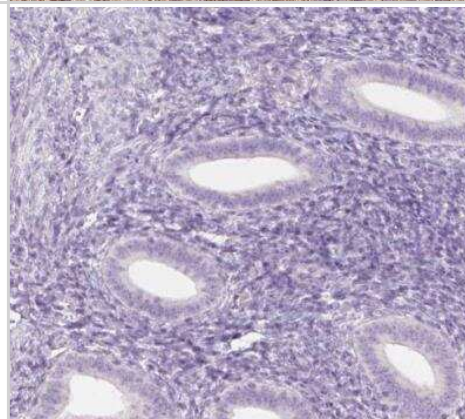
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Staining of human tonsil shows no positivity in germinal center cells as expected.



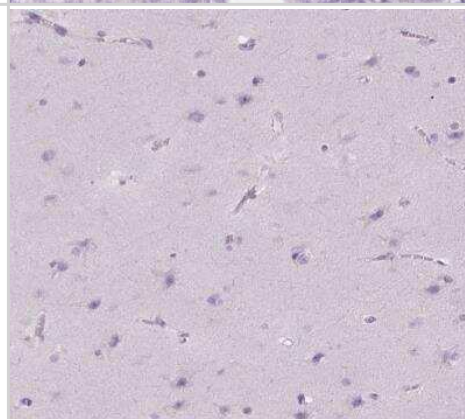
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Staining of human adrenal gland shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Staining of human endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: FDX1 Antibody [NBP1-89227] - Staining of human cerebral cortex shows no positivity in neuronal cells as expected.



Publications

Wang K, Wang M, Li Z et al. Systematic analysis of the cuprotosis in tumor microenvironment and prognosis of gastric cancer Heliyon 2023-03-01 [PMID: 36895378] (IHC, Human)



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Products Related to NBP1-89227

NBP1-89227PEP	FDX1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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