

# Product Datasheet

## FDX1 Antibody - BSA Free NBP2-38946

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: 1

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Updated 2/23/2025 v.20.1

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**NBP2-38946**

FDX1 Antibody - BSA Free

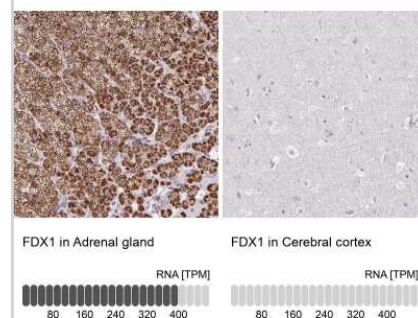
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	2230
Gene Symbol	FDX1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: WLHHAGSRAGSSGLLRNRGPGGSAEASRSLSVSARARSSSEDKITVHFINRD GETLTTKG

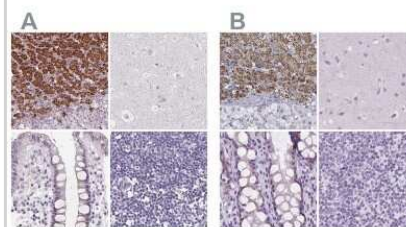
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application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

**Images**

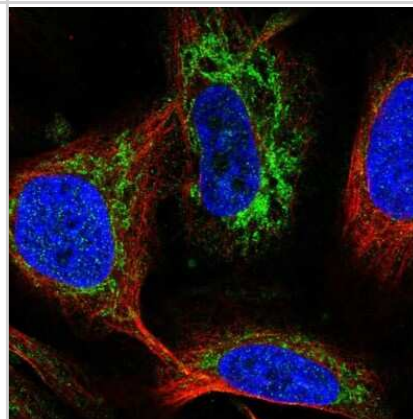
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining in human adrenal gland and cerebral cortex tissues using anti-FDX1 antibody. Corresponding FDX1 RNA-seq data are presented for the same tissues.



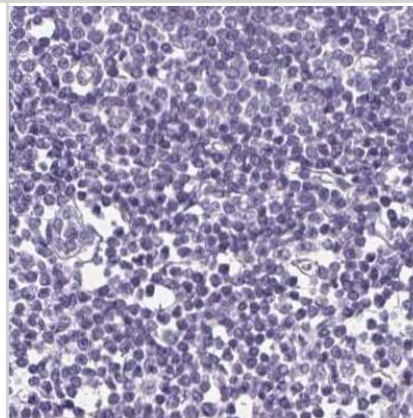
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human adrenal gland, cerebral cortex, colon and lymph node using Anti-FDX1 antibody NBP2-38946 (A) shows similar protein distribution across tissues to independent antibody NBP1-89227 (B).



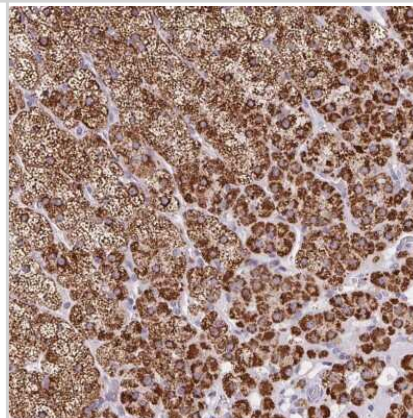
Immunocytochemistry/Immunofluorescence: FDX1 Antibody [NBP2-38946] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



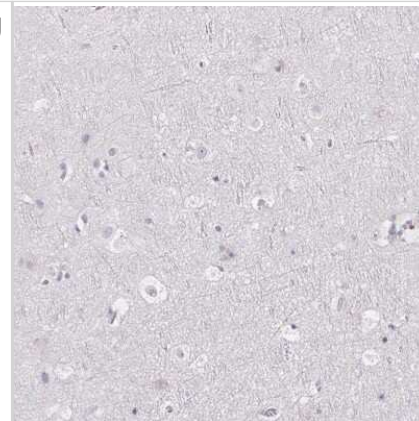
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human lymph node.



Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human adrenal gland shows high expression.



Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human cerebral cortex shows low expression as expected.



Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human colon.



## Publications

Sakata Y, Cheng K, Mayama M et al. Reconstitution of human adrenocortical specification and steroidogenesis using induced pluripotent stem cells *Developmental cell* 2022-11-21 [PMID: 36413950]



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### **Products Related to NBP2-38946**

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NBP2-38946PEP	FDX1 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

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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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