

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

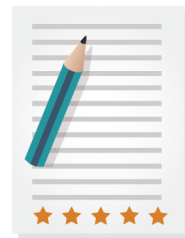
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-38946](http://www.novusbio.com/NBP2-38946)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-38946](http://www.novusbio.com/reviews/destination/NBP2-38946)



**NBP2-38946**

FDX1 Antibody - BSA Free

**Product Information**

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

**Product Description**

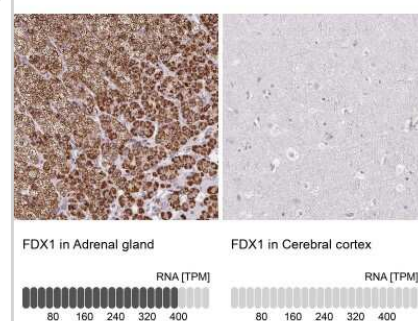
|                    |                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit FDX1 Antibody - BSA Free (NBP2-38946) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-FDX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                       |
| <b>Gene ID</b>     | 2230                                                                                                                                                                                                                                         |
| <b>Gene Symbol</b> | FDX1                                                                                                                                                                                                                                         |
| <b>Species</b>     | Human                                                                                                                                                                                                                                        |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>WLHHAGSRAGSSGLLRNRGPGGSAEASRSLSVSARARSSSEDKITVHFINRD<br>GETLTTKG                                                                                  |

**Product Application Details**

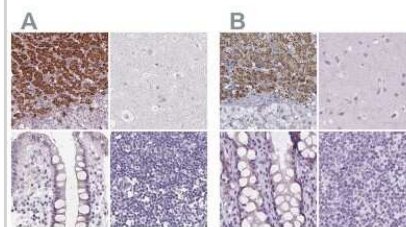
|                              |                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|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

**Images**

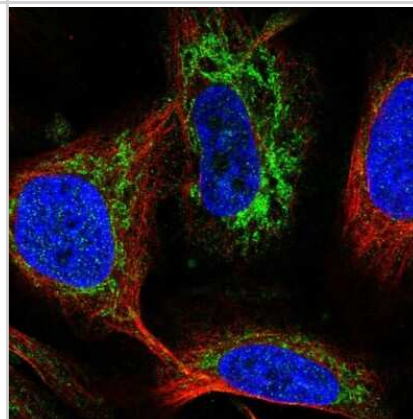
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining in human adrenal gland and cerebral cortex tissues using anti-FDX1 antibody. Corresponding FDX1 RNA-seq data are presented for the same tissues.



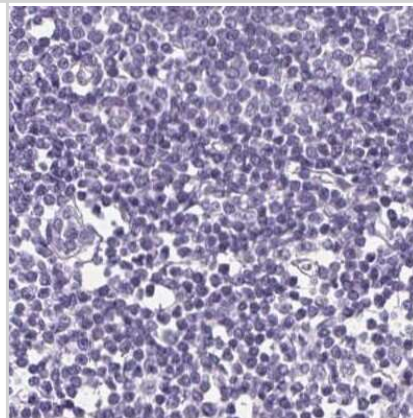
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human adrenal gland, cerebral cortex, colon and lymph node using Anti-FDX1 antibody NBP2-38946 (A) shows similar protein distribution across tissues to independent antibody NBP1-89227 (B).



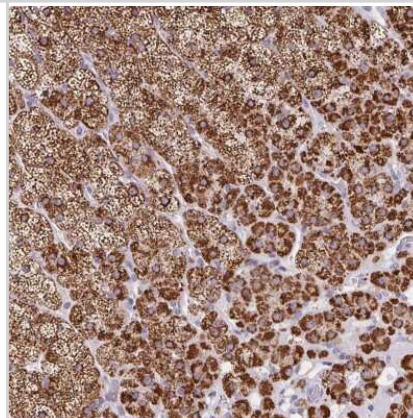
Immunocytochemistry/Immunofluorescence: FDX1 Antibody [NBP2-38946] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



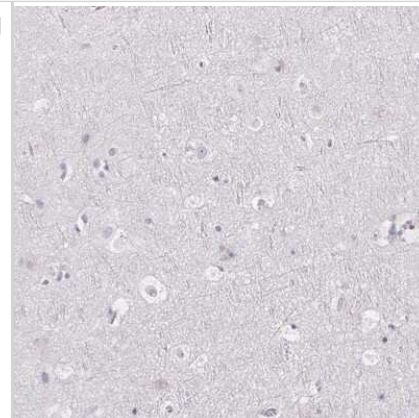
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human lymph node.



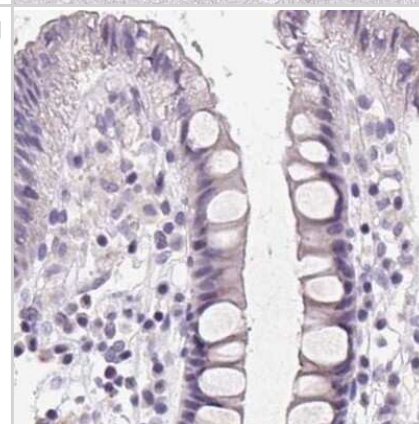
Immunohistochemistry-Paraffin: FDX1 Antibody [NBP2-38946] - Staining of human adrenal gland shows high expression.



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]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| 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                          |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-38946](http://www.novusbio.com/reviews/submit/NBP2-38946)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

