

# Product Datasheet

## NDUFS2 Antibody (OT11D5)

### NBP2-46127

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-46127**

NDUFS2 Antibody (OTI1D5)

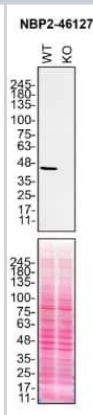
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1D5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	49.1 kDa

Product Description	
Host	Mouse
Gene ID	4720
Gene Symbol	NDUFS2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 205-463 of human NDUFS2 (NP_004541) produced in E.coli.

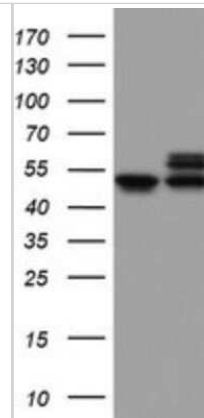
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150, Knockout Validated

**Images**

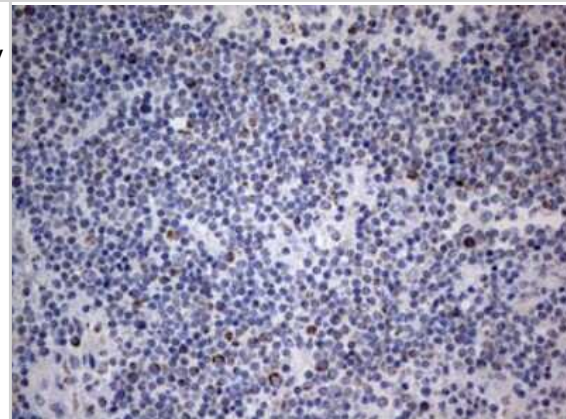
Knockout Validated: NDUFS2 Antibody (OTI1D5) [NBP2-46127] - Lysates of HAP1 (WT and NDUFS2 KO) were prepared and 40 ug of protein were processed for immunoblot with NDUFS2 antibody (OTI1D5). The Ponceau stained transfers of the blot are shown. Antibody dilution used: NBP2-46127 at 1/2000. Predicted band size: 52 kDa. Image, protocol, and testing courtesy of YCharOS Inc. (ycharos.com).



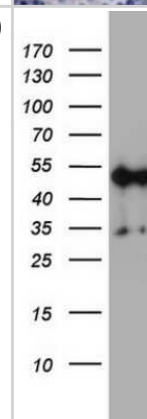
Western Blot: NDUF52 Antibody (1D5) [NBP2-46127] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUF52.



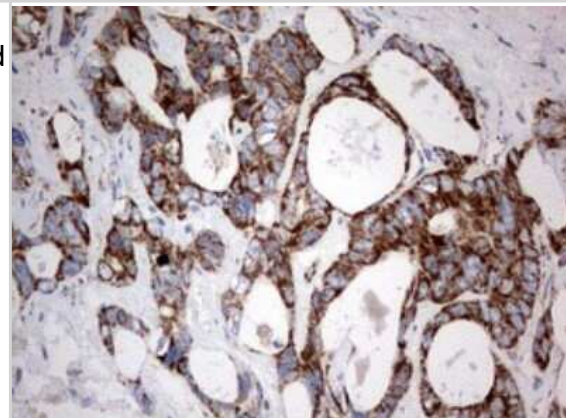
Immunohistochemistry: NDUF52 Antibody (1D5) [NBP2-46127] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



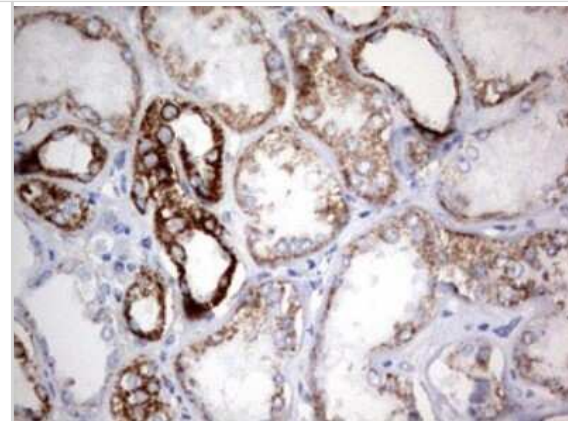
Western Blot: NDUF52 Antibody (1D5) [NBP2-46127] - Analysis of A549 cell lysate (35ug) by using NDUF52 monoclonal antibody.



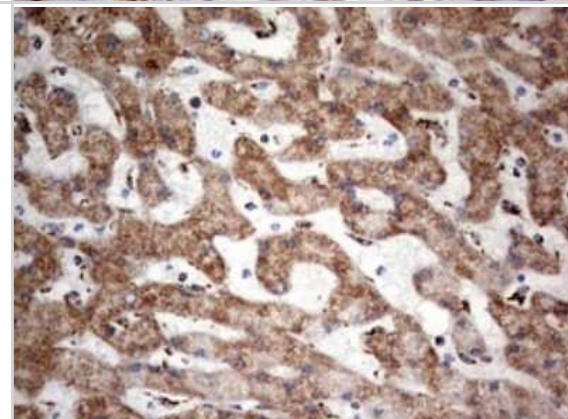
Immunohistochemistry: NDUF52 Antibody (1D5) [NBP2-46127] - Analysis of Adenocarcinoma of Human colon tissue using. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



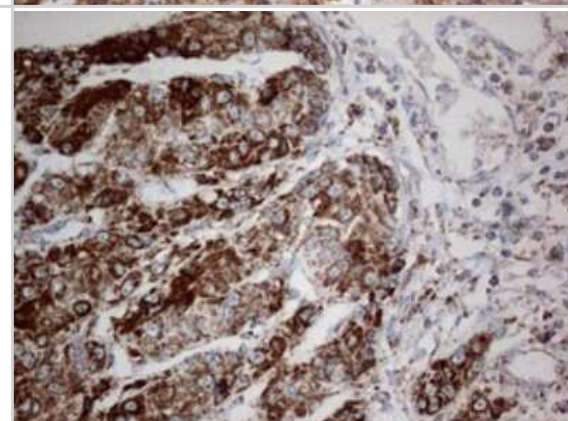
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



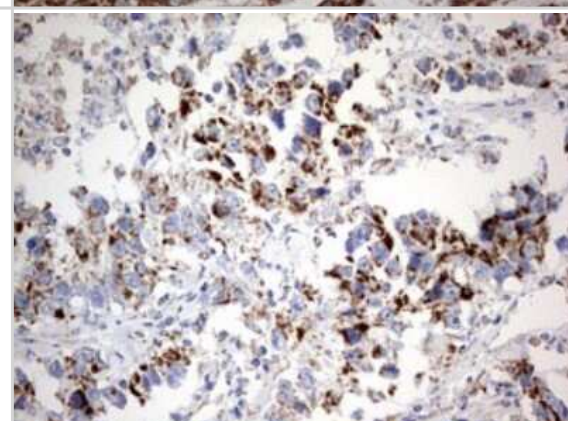
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)

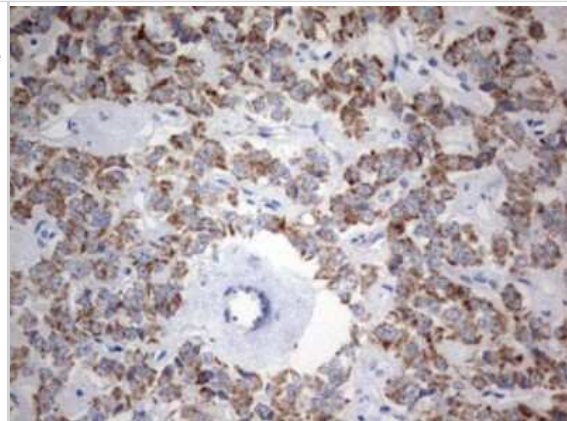


Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)

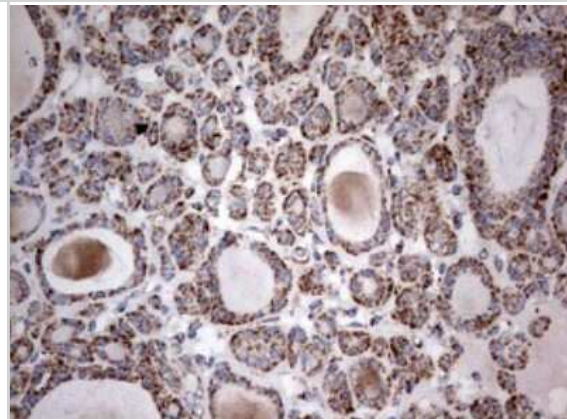




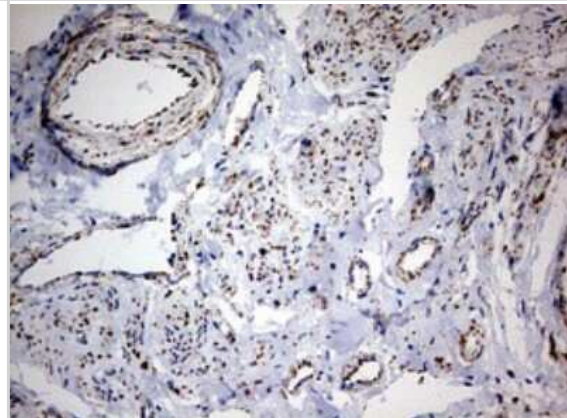
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



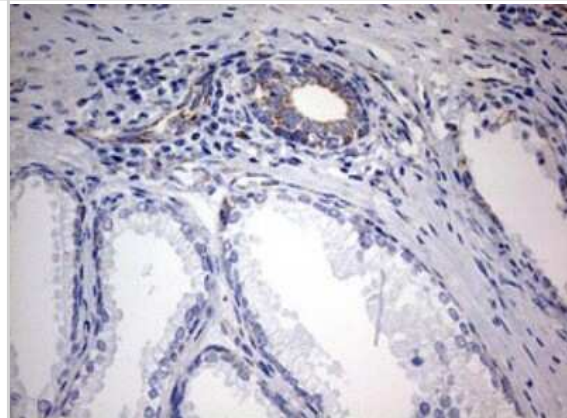
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human endometrium tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



## Publications

Pang Y, Lu Y, et al. Targeting NAD<sup>+</sup>/PARP DNA Repair Pathway as a Novel Therapeutic Approach to SDHB-Mutated Cluster I Pheochromocytoma and Paraganglioma. Clin Cancer Res 2018-07-15 [PMID: 29636359] (WB, Human)



### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-46127**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-23265	Recombinant Human NDUFS2 His Protein

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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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