

# 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 (OT11D5)**

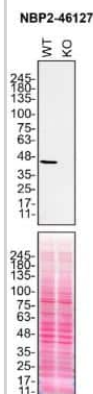
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OT11D5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	49.1 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Mouse NDUFS2 Antibody (OT11D5) (NBP2-46127) is a monoclonal antibody validated for use in IHC and WB. Anti-NDUFS2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4720
<b>Gene Symbol</b>	NDUFS2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 205-463 of human NDUFS2 (NP_004541) produced in E.coli.

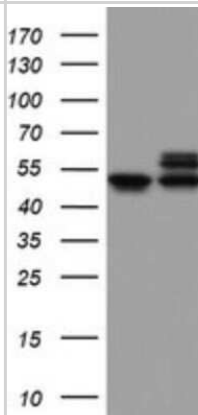
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150, Knockout Validated

## Images

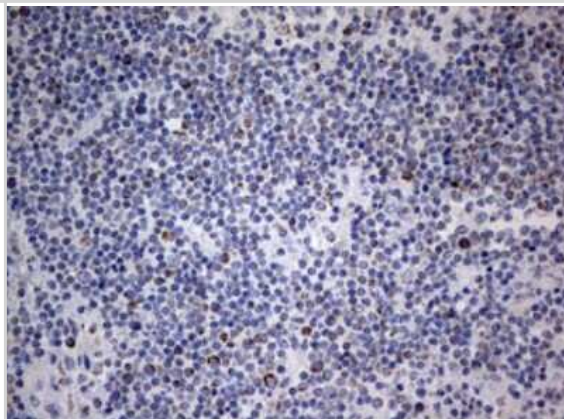
Western Blot: NDUFS2 Antibody (OT11D5) [NBP2-46127] - Lysates of HAP1 (WT and NDUFS2 KO) were prepared and 40 ug of protein were processed for immunoblot with NDUFS2 antibody (OT11D5). The Ponceau stained transfers of the blot are shown. Antibody dilution used: NBP2-46127 at 1/2000. Predicted band size: 52 kDa. Image, protocol, and testing courtesy of YCharOS Inc. (ycharos.com).



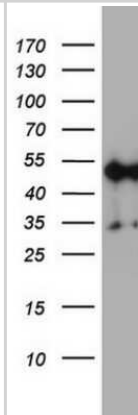
Western Blot: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUFS2.



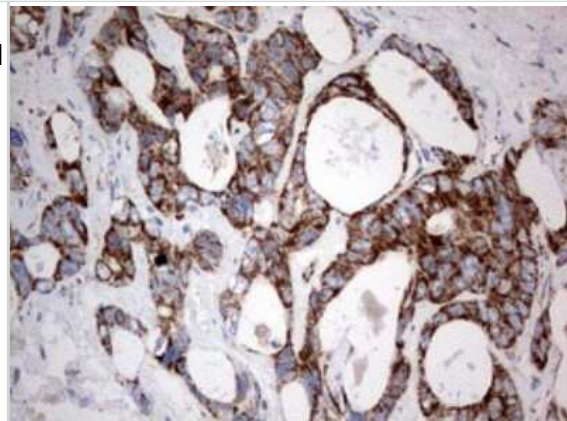
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



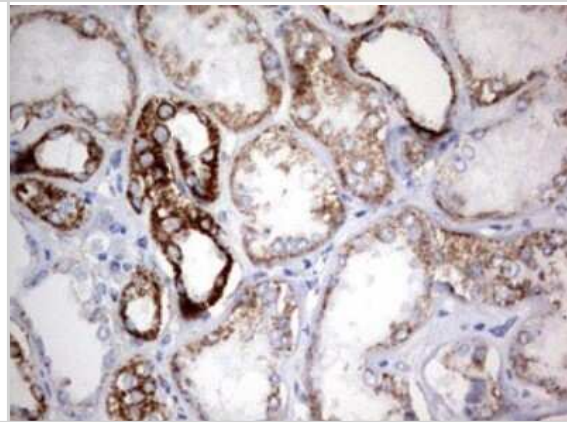
Western Blot: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of A549 cell lysate (35ug) by using NDUFS2 monoclonal antibody.



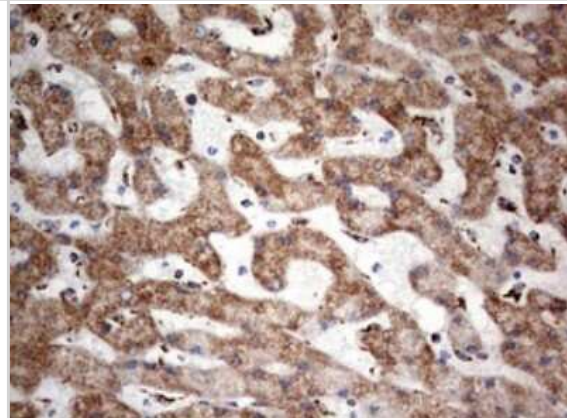
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Adenocarcinoma of Human colon tissue using. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



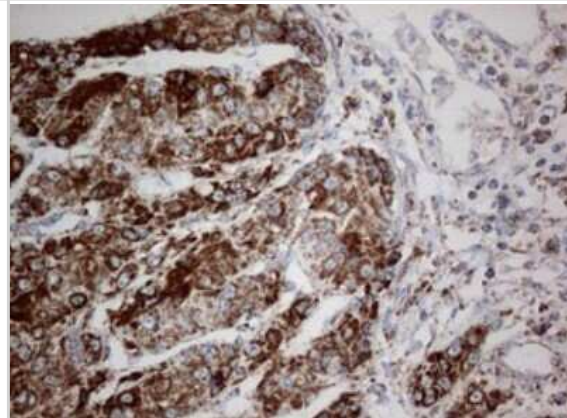
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



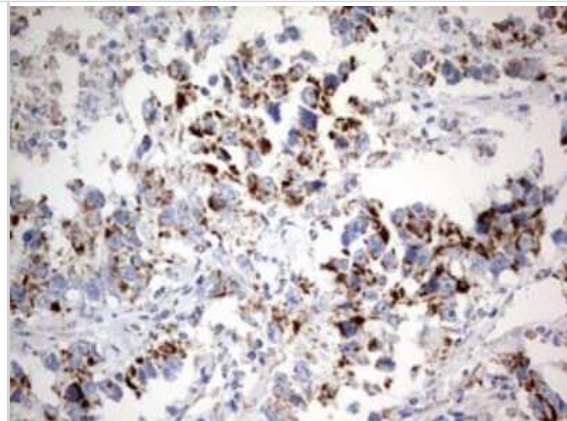
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



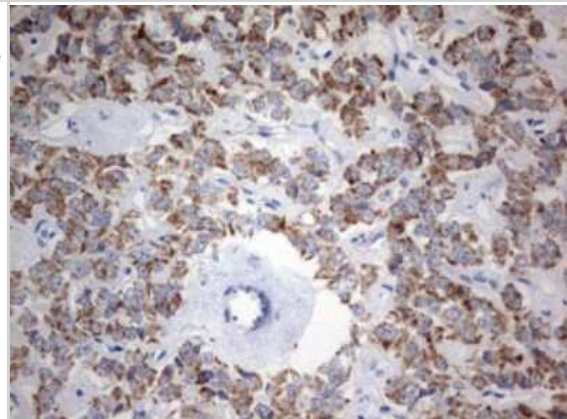
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



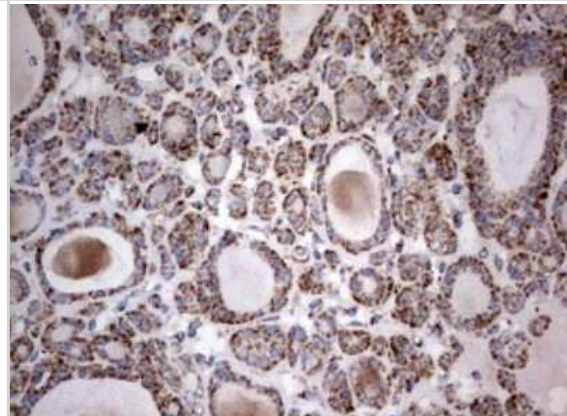
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



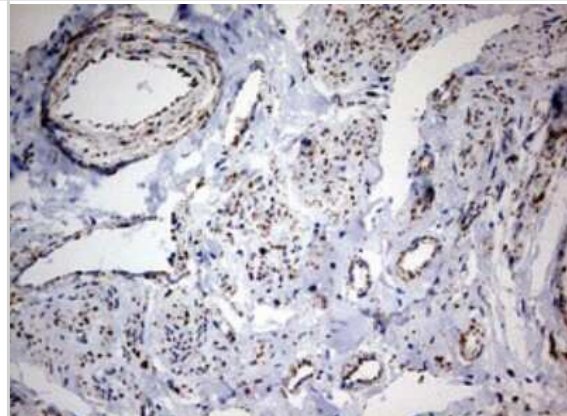
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



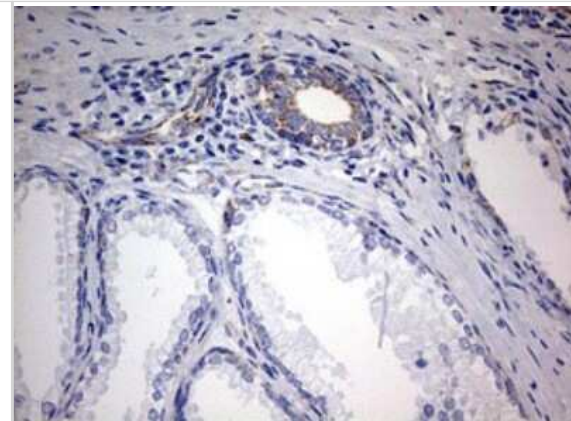
Immunohistochemistry: NDUFS2 Antibody (1D5) [NBP2-46127] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



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)



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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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