

Product Datasheet

Ndufs4 Antibody - BSA Free

NBP1-31465

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-31465

Updated 3/4/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-31465



NBP1-31465

Ndufs4 Antibody - BSA Free

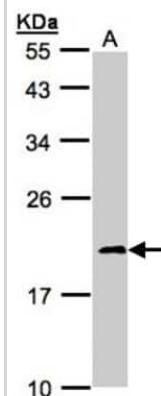
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	20 kDa

Product Description	
Host	Rabbit
Gene ID	4724
Gene Symbol	NDUFS4
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (80%), Bovine (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Ndufs4. The exact sequence is proprietary.

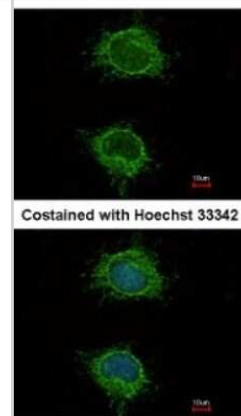
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

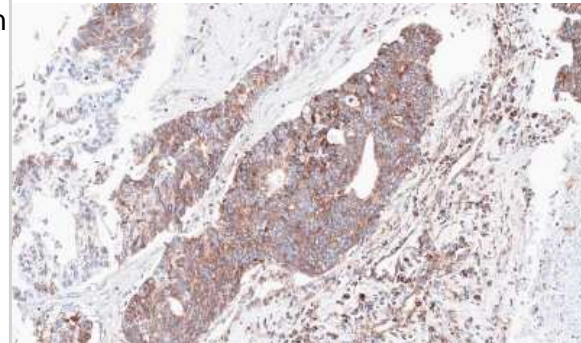
Western Blot: Ndufs4 Antibody [NBP1-31465] - Sample(30ug whole cell lysate) A: 293T 12% SDS PAGE, antibody diluted at 1:1000.



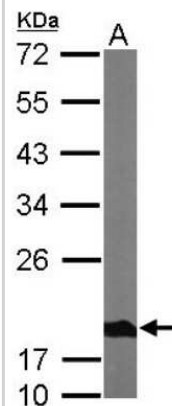
Immunocytochemistry/Immunofluorescence: Ndufs4 Antibody [NBP1-31465] - Analysis of methanol-fixed HeLa, using antibody at 1:100 dilution.



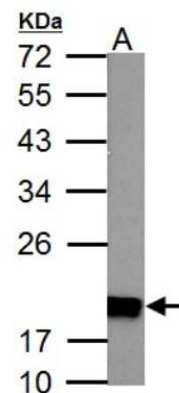
Immunohistochemistry-Paraffin: Ndufs4 Antibody [NBP1-31465] - Human ovarian cancer, using NDUF54 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Ndufs4 Antibody [NBP1-31465] - Sample (50 ug of whole cell lysate) A: Mouse brain 12% SDS PAGE; antibody diluted at 1:1000.



Western Blot: Ndufs4 Antibody [NBP1-31465] - 50 ug Rat heart lysate/extract 12% SDS-PAGE gel, antibody dilution 1:1000.



Publications

Corra S, Cerutti R, Balmaceda V et al. Double administration of self-complementary AAV9NDUFS4 prevents Leigh disease in *Ndufs4*^{-/-} mice *Brain* 2022-01-01 [PMID: 36270002] (Western Blot, Immunohistochemistry-Paraffin, Knockout Validated, Human, Mouse)

Yang T, Wang Y, Liao W Et al. Down-regulation of EPB41L4A-AS1 mediated the brain aging and neurodegenerative diseases via damaging synthesis of NAD⁺ and ATP *Research Square* 2021-09-29 [PMID: 34758883] (WB)

Silva-Pinheiro P, Cerutti R, Luna-Sanchez M et al. A Single Intravenous Injection of AAV-PHP.B-hNDUFS4 Ameliorates the Phenotype of *Ndufs4*^{-/-} Mice *Mol Ther Methods Clin Dev* 2020-06-12 [PMID: 32478122] (Western Blot, Immunohistochemistry-Paraffin, Knockout Validated, Human, Mouse)





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 NBP1-31465

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89026PEP	Ndufs4 Recombinant Protein Antigen

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-31465

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

