

Product Datasheet

TDP1 Antibody NB100-81642

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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technical@novusbio.com

Publications: 2

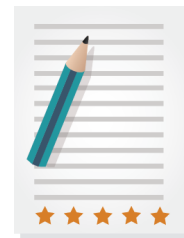
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Updated 9/9/2025 v.20.1

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NB100-81642**TDP1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

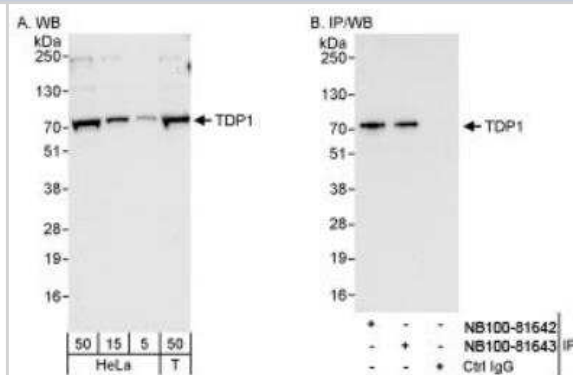
Product Description	
Description	Novus Biologicals Rabbit TDP1 Antibody (NB100-81642) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-TDP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55775
Gene Symbol	TDP1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1 and 50 of human tyrosyl-DNA phosphodiesterase 1 (NP_001008744.1).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000-1:500
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

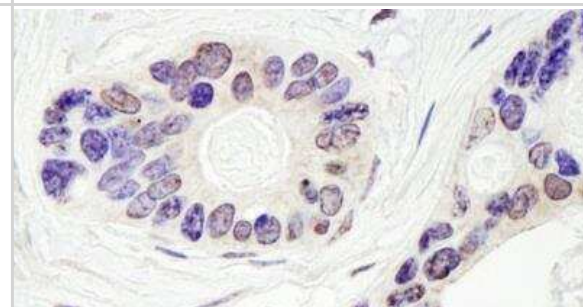


Images

Western Blot: TDP1 Antibody [NB100-81642] - Detection of Human TDP1 on HeLa whole cell lysate using NB100-81642. TDP1 was also immunoprecipitated by rabbit anti-TDP1 antibody NB100-81643.



Immunohistochemistry-Paraffin: TDP1 Antibody [NB100-81642] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- TDP1 used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB



Publications

Meisenberg C, Gilbert DC, Chalmers A et al. Clinical and cellular roles for TDP1 and TOP1 in modulating colorectal cancer response to irinotecan. *Mol. Cancer Ther.* 2014-12-18 [PMID: 25522766] (IHC-P, Human)

Perego P, Cossa G, Tinelli S et al. Role of tyrosyl-DNA phosphodiesterase 1 and inter-players in regulation of tumor cell sensitivity to topoisomerase I inhibition. *Biochem Pharmacol* 2012-01-01 [PMID: 21978643]



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 NB100-81642

NBL1-16800	TDP1 Overexpression Lysate
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.

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