

# Product Datasheet

## TDP1 Antibody NB100-81642

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



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### Publications: 2

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**NB100-81642**

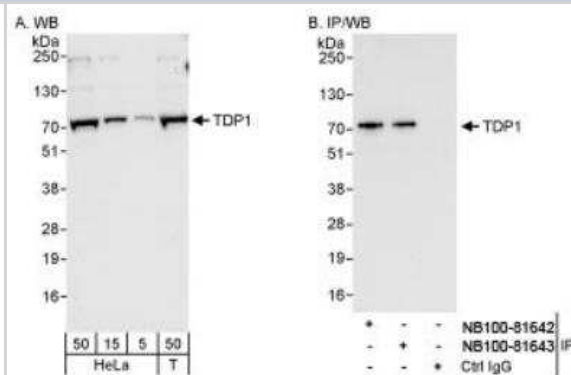
TDP1 Antibody

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	
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, Immunohistochemistry-Paraffin, 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.

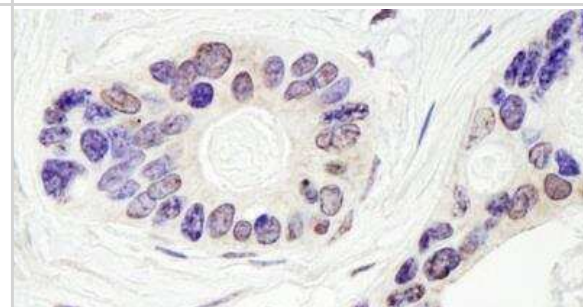


## Images

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]



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### **Products Related to NB100-81642**

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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

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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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