

# Product Datasheet

## TPR Antibody NB100-2866

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



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**NB100-2866**

TPR 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
Target Molecular Weight	267 kDa

Product Description	
Description	Novus Biologicals Rabbit TPR Antibody (NB100-2866) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-TPR Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7175
Gene Symbol	TPR
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 2275 and 2325 of human Translocated Promoter Region Protein using the numbering given in entry NP_003283.1 (GeneID 7175).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 2-5 ug/mg lysate, Knockdown Validated
Application Notes	Use in ICC/IF reported in scientific literature (PMID 24344181) and customer review. TPR antibody validated for KD from a verified customer review.

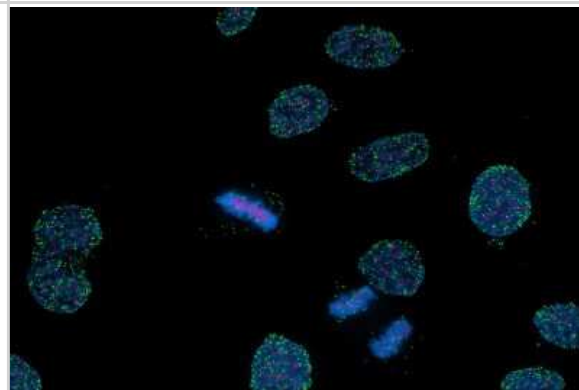


## Images

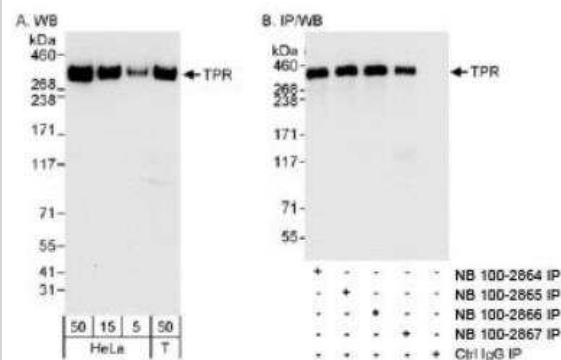
Western Blot: TPR Antibody [NB100-2866] - Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-TPR antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



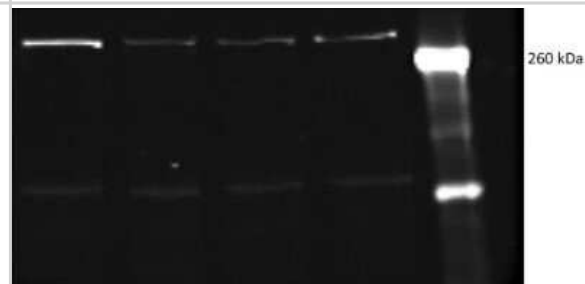
Immunocytochemistry/Immunofluorescence: TPR Antibody [NB100-2866] - TPR and Mad1 interaction at the Nuclear Pores (green dots). DNA counterstained with DAPI (blue). Image submitted by a verified customer review.



Western Blot: TPR Antibody [NB100-2866] - Detection of Human TPR on HeLa whole cell lysate using NB100-2866. TPR was also immunoprecipitated by rabbit anti-TPR antibodies NB100-2864, NB100-2865 and NB100-2867.



Western Blot: TPR Antibody [NB100-2866] - Lane 1 contains wildtype MDA-MB-231 cell lysate nuclear extract. Lanes 2, 3 and 4 contain the TPR knocked down MDA-MB-231 cell lysate nuclear extract. The lowered intensity of the bands in knocked down cell lines compared to wildtype supports antibody specificity to intended target protein. Image was submitted by customer review.



TPR knockdown

## Publications

Ouyang, W, Guo, P Et al. Erk1/2 inactivation promotes a rapid redistribution of COP1 and degradation of COP1 substrates. Proc Natl Acad Sci U S A 2020-02-25 [PMID: 32041890] (WB, Human)

Fernandes E, Freitas R et al. Nucleolin-Sle A Glycoforms as E-Selectin Ligands and Potentially Targetable Biomarkers at the Cell Surface of Gastric Cancer Cells. Cancers (Basel) 2020-02-04 [PMID: 32252346] (WB, Human)

Wu L, Zhou B, Oshiro-Rapley N et al. An Ancient, Unified Mechanism for Metformin Growth Inhibition in C. elegans and Cancer Cell. 2016-12-14 [PMID: 27984722] (WB, KD, Human)

Schweizer N, Ferras C, Kern DM et al. Spindle assembly checkpoint robustness requires Tpr-mediated regulation of Mad1/Mad2 proteostasis. J Cell Biol 2013-12-16 [PMID: 24344181] (ICC/IF, WB, Human)





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### **Products Related to NB100-2866**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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