

Product Datasheet

TERF2IP Antibody - BSA Free

NBP1-82433

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-82433

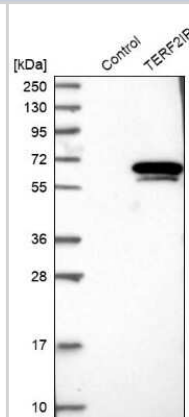
TERF2IP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit TERF2IP Antibody - BSA Free (NBP1-82433) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TERF2IP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54386
Gene Symbol	TERF2IP
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: REFEEVVVDESPPDFEIHITMCDDDPPTPEEDSETQPDEEEEEEEEEKVSQPEV GAAIKIIRQLMEKFNLDLSTVTQAFLKNSGELEATSAFLASGQRADGYPIWSRQ DDIDLQKDDDEDREALVKKFGAQNVAR
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

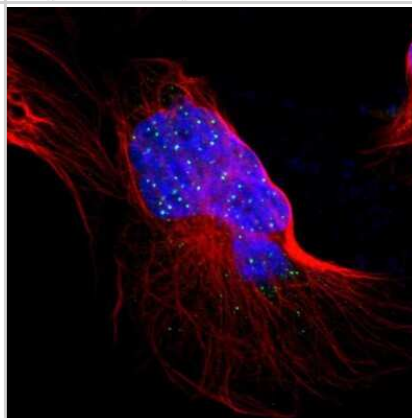


Images

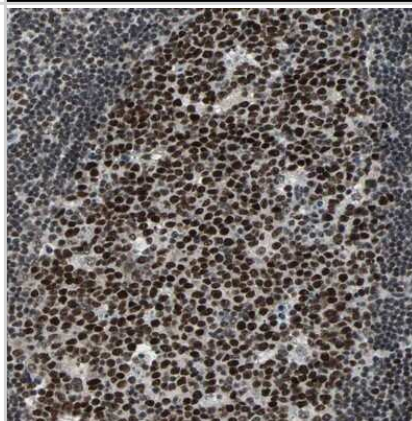
Western Blot: TERF2IP Antibody [NBP1-82433] - Analysis in control (vector only transfected HEK293T lysate) and TERF2IP over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



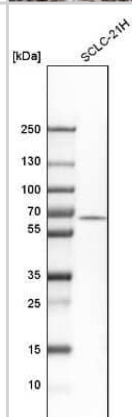
Immunocytochemistry/Immunofluorescence: TERF2IP Antibody [NBP1-82433] - Immunofluorescent staining of human cell line U-2 OS shows localization to nuclear bodies.



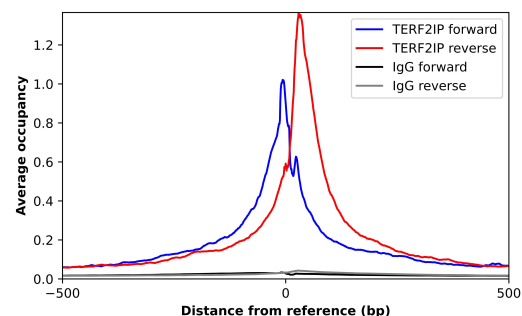
Immunohistochemistry-Paraffin: TERF2IP Antibody [NBP1-82433] - Immunohistochemical staining of human lymph node shows strong nuclear positivity in reaction center cells.



Western Blot: TERF2IP Antibody [NBP1-82433] - Analysis in human cell line SCLC-21H.



ChIP-Exo-Seq composite graph for Anti-TERF2IP (NBP1-82433) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Storchova R, Palek M, Palkova N et al. Phosphorylation of TRF2 promotes its interaction with TIN2 and regulates DNA damage response at telomeres Nucleic acids research 2023-01-18 [PMID: 36651296] (ICC/IF)



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Products Related to NBP1-82433

NBP1-82433PEP	TERF2IP Recombinant Protein Antigen
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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