

Product Datasheet

TERF2IP Antibody - BSA Free NB100-56321

Unit Size: 0.1 mg

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

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Publications: 6

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NB100-56321

TERF2IP Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
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

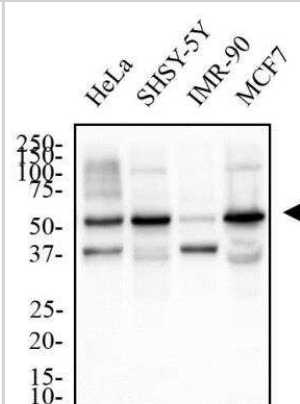
Product Description	
Description	Novus Biologicals Rabbit TERF2IP Antibody - BSA Free (NB100-56321) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-TERF2IP Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54386
Gene Symbol	TERF2IP
Species	Human, Mouse, Gerbil
Reactivity Notes	Gerbil reactivity reported in scientific literature (PMID: 24907260).
Immunogen	Synthetic peptides corresponding amino acids 212-235 of human Rap1 was used to immunize rabbits.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 2 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunoprecipitation

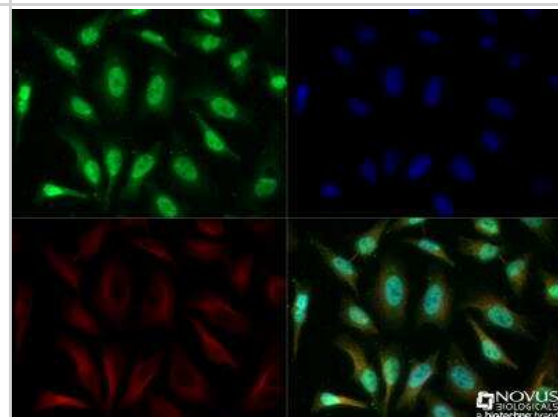


Images

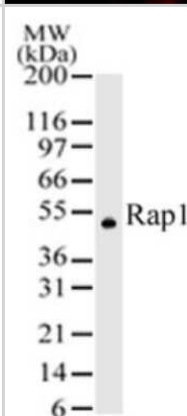
Western Blot: TERF2IP Antibody [NB100-56321] - Total protein from HeLa, SH5Y, IMR-90 and MCF7 cells were separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-TERF2IP in 1% non-fat milk in TBST and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



Immunocytochemistry/Immunofluorescence: TERF2IP Antibody [NB100-56321] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-TERF2IP [NB100-56321] at a 1:200 dilution overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A; Cat# NB100-690) was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Western Blot: TERF2IP Antibody [NB100-56321] - TERF2IP Antibody [NB100-56321] - 2 ug of this antibody was used to detect hRap1 in 293 cells. A protein band with an approximate molecular weight of 50 kDa was detected.



Publications

McNicoll F, Kühnel A, Biswas U et al. Meiotic sex chromosome cohesion and autosomal synapsis are supported by Esco2 Life Sci Alliance 2020-03-01 [PMID: 32051254] (ICC/IF, Mouse)

Biswas U, Stevense M, Jessberger R. SMC1a Substitutes for Many Meiotic Functions of SMC1b but Cannot Protect Telomeres from Damage Curr. Biol. 2018-01-22 [PMID: 29337080] (ICC/IF)

de la Fuente Roberto, Manterola Marcia, Viera Alberto et al. Chromatin organization and remodeling of interstitial telomeric sites during meiosis in the Mongolian gerbil (*Meriones unguiculatus*). Genetics. 2014-08-01 [PMID: 24907260]

Saha Bidisha, Zitnik Galynn, Johnson Simon et al. DNA damage accumulation and TRF2 degradation in atypical Werner syndrome fibroblasts with LMNA mutations. Front Genet. 2013-01-01 [PMID: 23847654] (WB)

Kim Sahn-Ho, Davalos Albert R, Heo Seok-Jin et al. Telomere dysfunction and cell survival: roles for distinct TIN2-containing complexes. J Cell Biol. 2008-05-05 [PMID: 18443218] (IP)

Winters T, McNicoll F, Jessberger R. Meiotic cohesin STAG3 is required for chromosome axis formation and sister chromatid cohesion. EMBO J. 2014-05-05 [PMID: 24797474] (ICC/IF, Mouse)



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Products Related to NB100-56321

NB800-PC6	293 Whole Cell Lysate
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

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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