

# Product Datasheet

## Rif1 Antibody - BSA Free NB100-1586

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 4

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**NB100-1586**

Rif1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

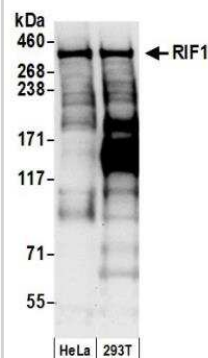
Product Description	
Description	Novus Biologicals Rabbit Rif1 Antibody - BSA Free (NB100-1586) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Rif1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55183
Gene Symbol	RIF1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1425 and 1450 of human Rap1 Interacting Factor 1 using the numbering given in entry NP_060621.3 (GeneID 55183).

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

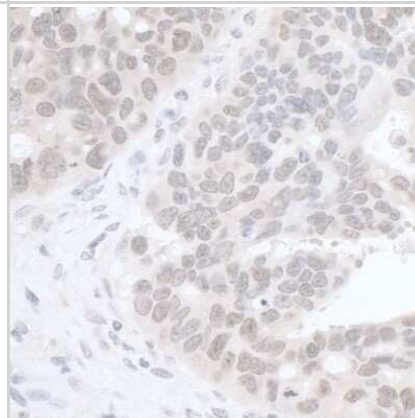


## Images

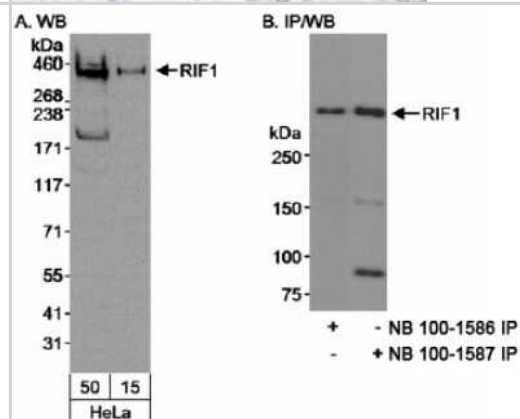
Western Blot: Rif1 Antibody [NB100-1586] - Detection of Human RIF1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RIF1 antibody NB100-1586 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry-Paraffin: Rif1 Antibody [NB100-1586] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- RIF1 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Immunoprecipitation: Rif1 Antibody [NB100-1586] - Whole cell lysate from HeLa cells. Whole cell lysate from 293T cells. Affinity purified rabbit anti-RIF1 antibody NB100-1586. RIF1 was also IPed using rabbit anti-RIF1 antibody NB100-1587.



Rif1 Antibody [NB100-1586] - Detection of human RIF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RIF1 antibody NB100-1586 used for IP at 6 ug per reaction. RIF1 was also immunoprecipitated by rabbit anti-RIF1 antibody NB100-1587. For blotting immunoprecipitated RIF1, NB100-1586 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



## Publications

Rainey MD, Bennett D, O'Dea R et al. ATR Restrains DNA Synthesis and Mitotic Catastrophe in Response to CDC7 Inhibition Cell Rep 2020-09-01 [PMID: 32877678] (WB, Human)

Yamazaki S, Ishii A, Kanoh Y et al. Rif1 regulates the replication timing domains on the human genome. EMBO J 2012-09-01 [PMID: 22850674]

Tsai YC, Greco TM, Boonmee A et al. Functional proteomics establishes the interaction of SIRT7 with chromatin remodeling complexes and expands its role in regulation of RNA polymerase I transcription. Mol Cell Proteomics 2012-05-01 [PMID: 22586326]

Arora R, Brun CM, Azzalin CM et al. Transcription regulates telomere dynamics in human cancer cells. RNA 2012-04-01 [PMID: 22357912]





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### **Products Related to NB100-1586**

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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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