

# Product Datasheet

## Rif1 Antibody - BSA Free NB100-1587

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 1

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**NB100-1587**

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)

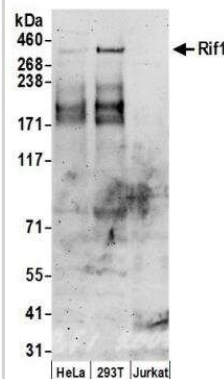
Product Description	
Description	Novus Biologicals Rabbit Rif1 Antibody - BSA Free (NB100-1587) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Rif1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55183
Gene Symbol	RIF1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 2425 and the C-terminus (residue 2472) 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 1:10-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

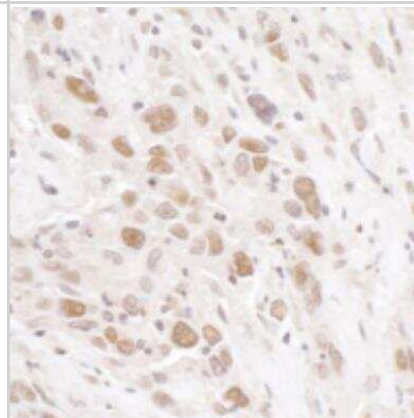


## Images

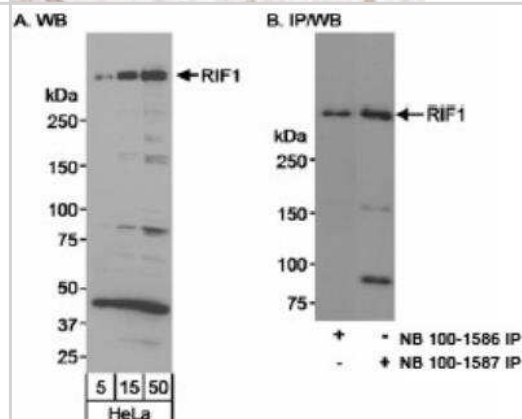
Western Blot: Rif1 Antibody [NB100-1587] - Detection of Human Rif1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Rif1 antibody NB100-1587 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



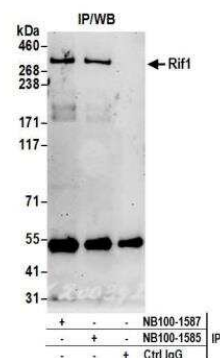
Immunohistochemistry-Paraffin: Rif1 Antibody [NB100-1587] - Section of human breast carcinoma. Antibody: Affinity purified rabbit anti-RIF1 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB.



Western Blot: Rif1 Antibody [NB100-1587] - Whole cell lysate from 293T cells. RIF1 was also immunoprecipitated using rabbit anti-RIF1 antibody NB100-1586.



Rif1 Antibody [NB100-1587] - 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 NB100-1587 used for IP at 6 ug per reaction. Rif1 was also immunoprecipitated by rabbit anti-Rif1 antibody NB100-1585. For blotting immunoprecipitated Rif1, NB100-1587 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Publications

Zhang L, Geng X, Wang F et al. 53BP1 regulates heterochromatin through liquid phase separation Nature communications 2022-01-18 [PMID: 35042897]



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### **Products Related to NB100-1587**

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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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