

# Product Datasheet

## RECQ1 Antibody NB100-618

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

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**NB100-618**

## RECQ1 Antibody

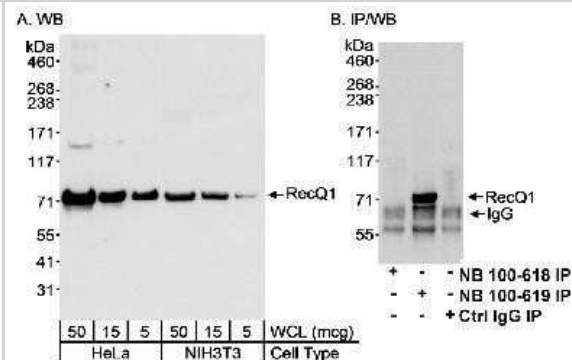
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Rabbit RECQ1 Antibody (NB100-618) is a polyclonal antibody validated for use in IHC and WB. Anti-RECQ1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5965
Gene Symbol	RECQL
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human RecQ protein-like (DNA helicase Q1-like) 1 using the numbering given in Swiss-Prot entry P46063 (GeneID 5965).

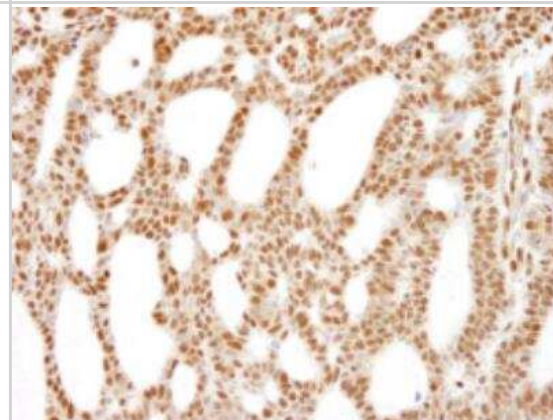
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation (Negative)
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100- 1:500, Immunoprecipitation (Negative)
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

## Images

Western Blot: RECQ1 Antibody [NB100-618] - Detection of human and mouse RecQ1 by Western blot using NB100-618 and human RecQ1 by immunoprecipitation. RecQ1 was successfully immunoprecipitated by NB100-619.



Immunohistochemistry-Paraffin: RECQ1 Antibody [NB100-618] - Human skin basal cell carcinoma. Antibody: Affinity purified rabbit anti-RecQ1 used at a dilution of 1:200 (1ug/ml). detection: DAB



## Publications

Palumbieri MD, Merigliano C, González-Acosta D et al. Nuclear actin polymerization rapidly mediates replication fork remodeling upon stress by limiting PrimPol activity Nature communications 2023-11-28 [PMID: 38016948]

Palumbieri MD, Merigliano C, Acosta DG et al. Replication fork plasticity upon replication stress requires rapid nuclear actin polymerization bioRxiv : the preprint server for biology 2023-03-25 [PMID: 36993227] (WB, Human)

Chappidi N, Nascakova Z, Boleslavskaya B et al. Fork Cleavage-Religation Cycle and Active Transcription Mediate Replication Restart after Fork Stalling at Co-transcriptional R-Loops Mol. Cell 2019-11-13 [PMID: 31759821]

Zellweger R, Dalcher D, Mutreja K et al. Rad51-mediated replication fork reversal is a global response to genotoxic treatments in human cells J. Cell Biol. 2015-03-02 [PMID: 25733714] (WB, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-618**

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NBL1-15264	RECQ1 Overexpression 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

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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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