

# Product Datasheet

## Drosha Antibody NBP1-03349

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)

**Reviews: 3 Publications: 6**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-03349](http://www.novusbio.com/NBP1-03349)

Updated 10/23/2024 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-03349](http://www.novusbio.com/reviews/destination/NBP1-03349)



**NBP1-03349****Drosha Antibody**

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

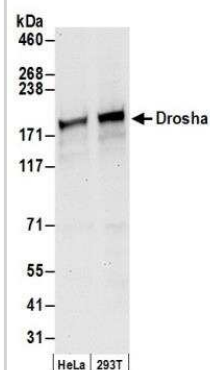
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	29102
<b>Gene Symbol</b>	DROSHA
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 25351346).
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 1324 and 1374 of human double-stranded RNA-specific endoribonuclease using the numbering given in entry NP_037367.3 (GenelD 29102).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:250, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID 25351346), Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Frozen Reported in scientific literature (PMID 25351346)
<b>Application Notes</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

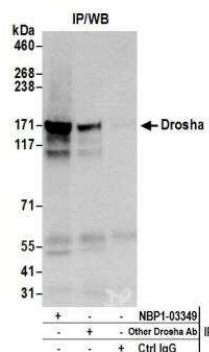


## Images

**Western Blot: Drosha Antibody [NBP1-03349] - Detection of Human Drosha by Western Blot.** Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Drosha antibody NBP1-03349 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



**Immunoprecipitation: Drosha Antibody [NBP1-03349] - Detection of human Drosha 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-Drosha antibody NBP1-03349 used for IP at 6 ug per reaction. Drosha was also immunoprecipitated by another rabbit anti-Drosha antibody. For blotting immunoprecipitated Drosha, NBP1-03349 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



## Publications

Macias, S, Cordiner, R A Et al. Cellular functions of the microprocessor. Biochem Soc Trans 2013-08-01 [PMID: 23863141] (IF/IHC, Human)

Macias S, Cordiner RA, Gautier P et al. DGCR8 Acts as an Adaptor for the Exosome Complex to Degrade Double-Stranded Structured RNAs. Mol Cell 2015-12-17 [PMID: 26687677] (WB)

Rupaimoole R, Wu Sy, Pradeep S et al. Hypoxia-mediated downregulation of miRnA biogenesis promotes tumour progression Nat Commun et al. 2014-10-29 [PMID: 25351346] (WB, ICC/IF, IHC-Fr, Mouse, Human)

Veronese A, Pepe F, Chiacchia J et al. Allele-specific loss and transcription of the miR-15a/16-1 cluster in chronic lymphocytic leukemia. Leukemia. 2014-04-15 [PMID: 24732594] (IP, Human)

Teta M, Choi YS, Okegbe T et al. Inducible deletion of epidermal Dicer and Drosha reveals multiple functions for miRNAs in postnatal skin. Development 2012-04-01 [PMID: 22434867]

Hsieh CL, Lin CL, Liu H et al. WDHD1 modulates the post-transcriptional step of the centromeric silencing pathway. Nucleic Acids Res 2011-05-01 [PMID: 21266480]



### **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 NBP1-03349**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00029102-Q01-10ug	Recombinant Human Drosha GST (N-Term) Protein

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-03349](http://www.novusbio.com/reviews/submit/NBP1-03349)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

