

Product Datasheet

Drosha Antibody NBP1-03349

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-03349

Drosha 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

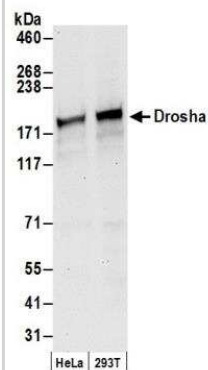
Product Description	
Description	Novus Biologicals Rabbit Drosha Antibody (NBP1-03349) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Drosha Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	29102
Gene Symbol	DROSHA
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25351346).
Immunogen	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 (GeneID 29102).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	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)
Application Notes	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

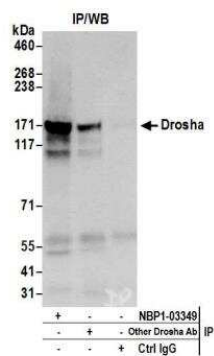


Images

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

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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