

Product Datasheet

Drosha Antibody NBP1-03349

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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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

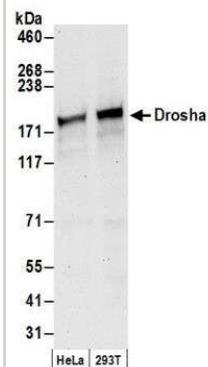
Product Description	
Host	Rabbit
Gene ID	29102
Gene Symbol	DROSHA
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25351346).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1324 and 1374 of human double-stranded RNA-specific 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.

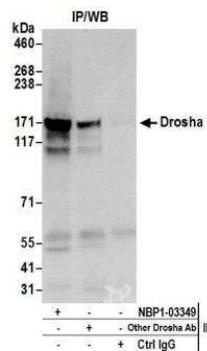


Images

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]



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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.

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