

# Product Datasheet

## DHX15 Antibody - BSA Free NB100-586

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 2

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**NB100-586**

DHX15 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)

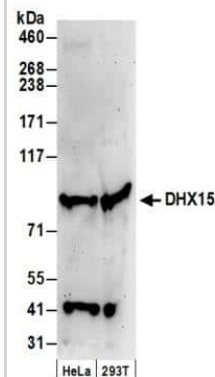
Product Description	
Description	Novus Biologicals Rabbit DHX15 Antibody - BSA Free (NB100-586) is a polyclonal antibody validated for use in WB and IP. Anti-DHX15 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1665
Gene Symbol	DHX15
Species	Human
Specificity/Sensitivity	NB100-586 is specific for human DHX 15 protein.
Immunogen	The immunogen recognized by this antibody maps to a region between residue 750 and the C-terminus (residue 795) of human DEAH box polypeptide 15 using the numbering given in Swiss-Prot entry O43143 (GeneID 1665).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunoprecipitation 1-5 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows. Western Blot: 1:5,000 - 1:15,000 Immunoprecipitation: 1 to 5 ug/mg lysate Histo/Cytochemistry: not tested *In some cases, the antibody may be diluted further than indicated.

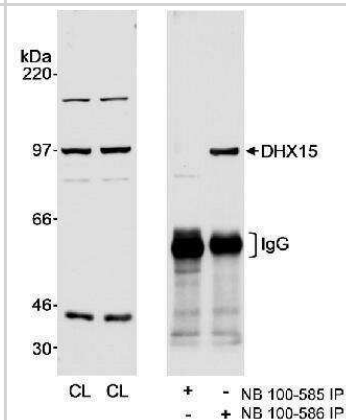


## Images

Western Blot: DHX15 Antibody [NB100-586] - Detection of Human DHX15 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DHX15 antibody NB100-586 used for WB at 0.066 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: DHX15 Antibody [NB100-586] - Detection of Human DHX15 on HeLa whole cell lysate using NB100-586. Immunoprecipitated DHX15 was blotted using NB100-585 at 0.1 mcg/ml. NB100-585 was also used unsuccessfully for IP.



## Publications

Toczydlowska-Socha D, Zielinska MM, Kurkowska M et al. Human RNA cap1 methyltransferase CMTr1 cooperates with RNA helicase DHX15 to modify RNAs with highly structured 5' termini. *Philos. Trans. R. Soc. Lond., B, Biol. Sci.* 2018-11-05 [PMID: 30397098] (IP, Human)

Knox AA, McKeegan KS, Debieux CM et al. A weak C' box renders U3 snoRNA levels dependent on hU3-55K binding. *Mol Cell Biol* 2011-06-01 [PMID: 21505065]



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### **Products Related to NB100-586**

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NBL1-09876	DHX15 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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