

# Product Datasheet

## DHX15 Antibody - BSA Free

### NB100-586

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-586**

DHX15 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 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>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	1665
<b>Gene Symbol</b>	DHX15
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	NB100-586 is specific for human DHX 15 protein.
<b>Immunogen</b>	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).

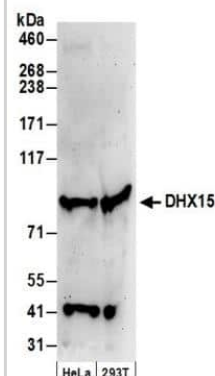
**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:5000-1:15000, Immunoprecipitation 1-5 ug/mg lysate
<b>Application Notes</b>	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.

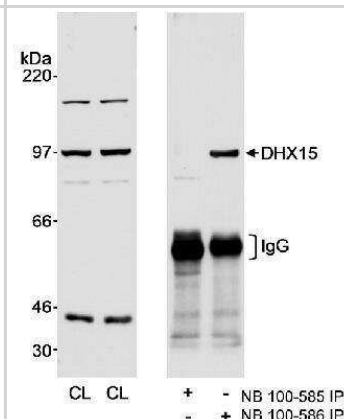


## Images

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 CMT1 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
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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