

Product Datasheet

DDX5 Antibody NB200-351

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB200-351

DDX5 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
Target Molecular Weight	69 kDa

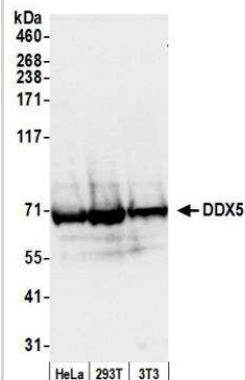
Product Description	
Description	Novus Biologicals Rabbit DDX5 Antibody (NB200-351) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-DDX5 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1655
Gene Symbol	DDX5
Species	Human, Mouse, Hamster
Reactivity Notes	Hamster reactivity reported in scientific literature (PMID: 28516729). Based on 100% sequence identity, this antibody is predicted to react with Orangutan and Chimpanzee
Immunogen	The immunogen recognized by this antibody maps to a region between residue 575 and the C-terminus (residue 614) of human DEAD (Asp-Glu-Ala-Asp) Polypeptide 5 using the numbering given in entry NP_004387.1 (GeneID 1655).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2500-1:10000, Immunohistochemistry 1:200 - 1:1000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1 ug/ml
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Immunoprecipitation: the antibody may be diluted further than indicated. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

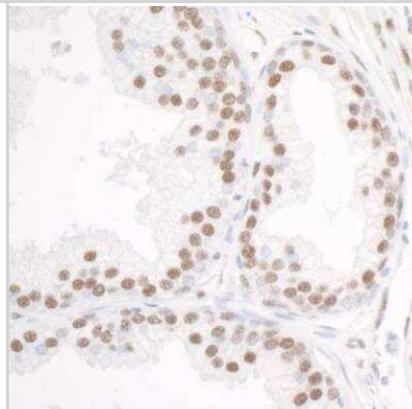


Images

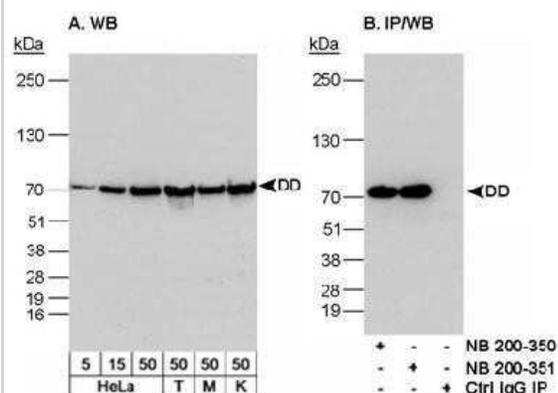
Western Blot: DDX5 Antibody [NB200-351] - Detection of Human and Mouse DDX5 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX5 antibody NB200-351 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



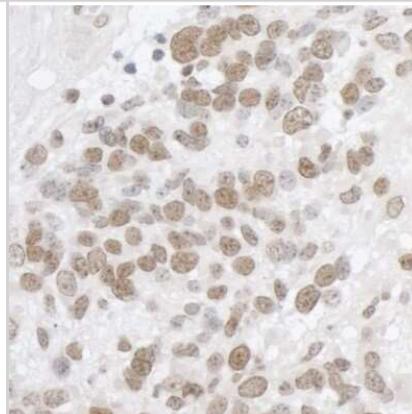
Immunohistochemistry: DDX5 Antibody [NB200-351] - Detection of human DDX5 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-DDX5 NB200-351 used at a dilution of 1:1000 (0.2ug/ml). Detection: DAB



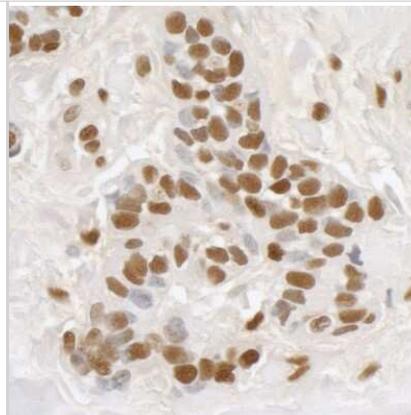
Western Blot: DDX5 Antibody [NB200-351] - Detection of DDX5 in whole cell lysates from HeLa (5, 15, 50 ug), 293 (T; 50 ug), and MCF7 (M; 50 ug), and K562 (K; 50 ug) for WB (A) and HeLa (1 mg) for IP (B). Antibodies: NB 200-351 used at 0.04 ug/ml for WB (A & B) and at 3 ug/ml lysate for IP (B). DDX5 was also immunoprecipitated with NB 200-350 used at 3 ug/ml lysate. Detection: ECL 30 seconds.



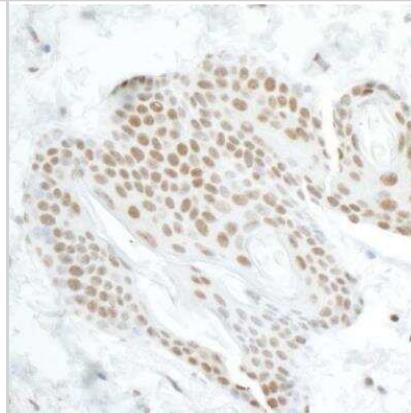
Immunohistochemistry: DDX5 Antibody [NB200-351] - ~ ~Sample: FFPE section of human breast carcinoma.~ Antibody: Affinity purified rabbit anti-DDX5 ~Cat. No. Lot2 used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



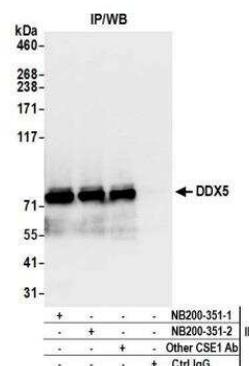
Immunohistochemistry: DDX5 Antibody [NB200-351] - ~ Sample: FFPE section of mouse renal cell carcinoma.~ Antibody: Affinity purified rabbit anti-DDX5 ~Cat. No. Lot2 used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Immunohistochemistry: DDX5 Antibody [NB200-351] - Detection of mouse DDX5 by immunohistochemistry. Sample: FFPE section of mouse skin. Antibody: Affinity purified rabbit anti-DDX5 NB200-351 used at a dilution of 1:1000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: DDX5 Antibody [NB200-351] - Detection of human DDX5 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-DDX5 antibody NB200-351 (lot NB200-351-2) used for IP at 6 ug per reaction. DDX5 was also immunoprecipitated by a previous lot of this antibody (lot NB200-351-1) and another rabbit anti-DDX5 antibody. For blotting immunoprecipitated DDX5, NB200-351 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

Sun X, Wang S, Lin X et al. Proteome analysis of Duck Tembusu virus (DTMUV)-infected BHK-21 cells. *Proteomics* 2017-06-20 [PMID: 28516729] (WB, Hamster)

Muller RY, Hammond MC, Rio DC, Lee YJ. An Efficient Method for Electroporation of Small Interfering RNAs into ENCODE Project Tier 1 GM12878 and K562 Cell Lines. *J Biomol Tech.* 2015-10-29 [PMID: 26543439] (WB, Human)

Saporita AJ, Chang HC, Winkeler CL et al. RNA helicase DDX5 is a p53-independent target of ARF that participates in ribosome biogenesis. *Cancer Res* 2011-11-01 [PMID: 21937682]

Guo J, Hong F, Loke J et al. A DDX5 S480A polymorphism is associated with increased transcription of fibrogenic genes in hepatic stellate cells. *J Biol Chem* 2010-02-01 [PMID: 20022962]

Chiu YL, Witkowska HE, Hall SC et al. High-molecular-mass APOBEC3G complexes restrict Alu retrotransposition. *Proc Natl Acad Sci U S A* 2006-10-01 [PMID: 17030807]



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Products Related to NB200-351

NB800-PC1	HeLa Whole Cell 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

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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