

Product Datasheet

DDX3 Antibody NB200-194

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB200-194**DDX3 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

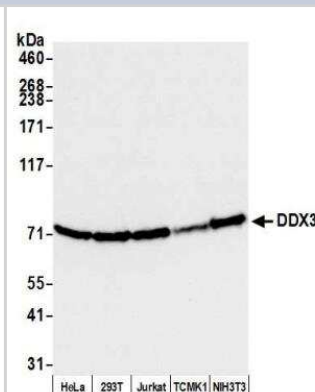
Host	Rabbit
Gene ID	1654
Gene Symbol	DDX3X
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 3 using the numbering given in entry NP_001347.2 (GeneID 1654).

Product Application Details

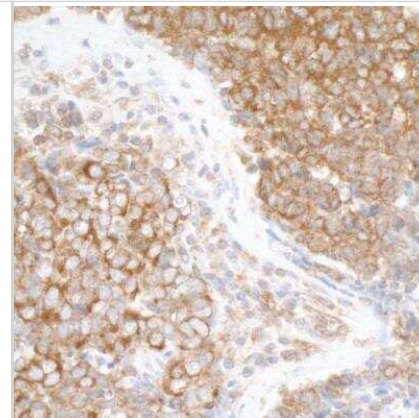
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

Images

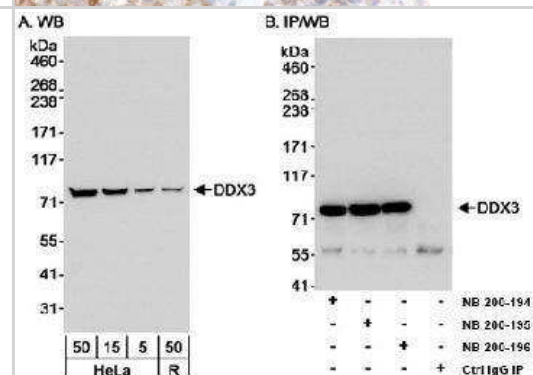
Western Blot: DDX3 Antibody [NB200-194] - Detection of human and mouse DDX3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX3 antibody NB200-194 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



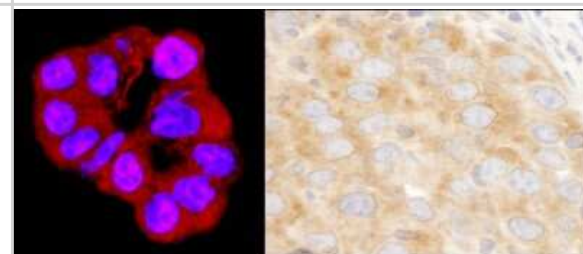
Immunohistochemistry: DDX3 Antibody [NB200-194] - Detection of human DDX3 by immunohistochemistry. Sample: FFPE section of human lung cancer. Antibody: Affinity purified rabbit anti-DDX3 (NB200-194 lot 2) used at a dilution of 1:200 (1ug/ml). Detection: DAB.



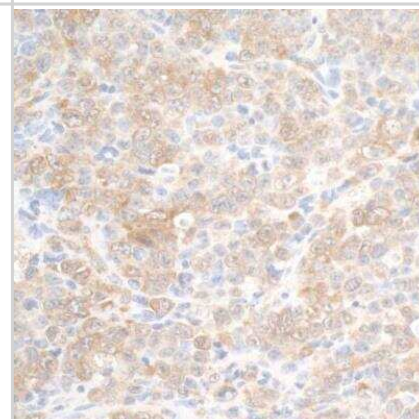
Western Blot: DDX3 Antibody [NB200-194] - Detection of DDX3 by Western Blot and Immunoprecipitation. Samples: A. Whole cell lysate from HeLa (5, 15 and 50 mcg) and Ramos (50 mcg) cells. B. Whole cell lysate (1 mg/IP; 1/4 of IP loaded/lane) from HeLa cells. Antibodies: NB 200-194 used at 0.04 mcg/ml (A) and 0.1 mcg/ml (B) for Western Blot and at 3 mcg/mg lysate for IP (B). DDX3 was also immunoprecipitated using NB 200-195 and NB 200-196 at 3 mcg/mg lysate. Detection: Chemiluminescence with an exposure time of 10 seconds (A and B).



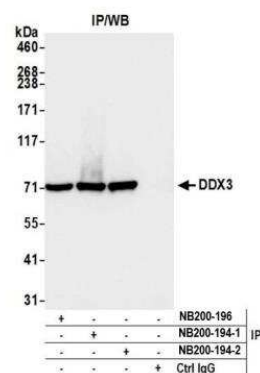
Immunohistochemistry: DDX3 Antibody [NB200-194] - Sample: FFPE section of human lung cancer pleural effusion (left) and mouse renal cell carcinoma (right). Antibody: Affinity purified rabbit anti-DDX3 used at a dilution of 1:200 (1ug/ml). Detection: Red fluorescence (A120-601D4) and DAB.



Immunohistochemistry: DDX3 Antibody [NB200-194] - Detection of mouse DDX3 by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-DDX3 (NB200-194 lot 2) used at a dilution of 1:200 (1ug/ml). Detection: DAB.



Immunoprecipitation: DDX3 Antibody [NB200-194] - Detection of human DDX3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DDX3 antibody NB200-194 (lot NB200-194-2) used for IP at 6 ug per reaction. DDX3 was also immunoprecipitated by a previous lot of this antibody (lot NB200-194-1) and rabbit anti-DDX3 antibody NB200-196. For blotting immunoprecipitated DDX3, NB200-194 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 seconds.



Publications

DeFilippis VR, Alvarado D, Sali T et al. Human cytomegalovirus induces the interferon response via the DNA sensor ZBP1. J Virol 2010-01-01 [PMID: 19846511]

Schroder M, Baran M, Bowie AG et al. Viral targeting of DEAD box protein 3 reveals its role in TBK1/IKKepsilon-mediated IRF activation. EMBO J 2008-08-01 [PMID: 18636090]

Kang BY, Tsoi S, Zhu S et al. Differential gene expression profiling in HELLP syndrome placentas. Reprod Sci 2008-04-01 [PMID: 18421023]

Choi Y-J, Lee S-G. The DEAD-box RNA helicase DDX3 interacts with DDX5, co-localizes with it in the cytoplasm during the G2/M phase of the cycle, and affects its shuttling during mRNP export. Journal of Cellular Biochemistry. 2011-10-27 [PMID: 22034099]



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Products Related to NB200-194

NBL1-09795	DDX3X 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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