

# Product Datasheet

## DDX3 Antibody NB200-194

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 4

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**NB200-194****DDX3 Antibody**

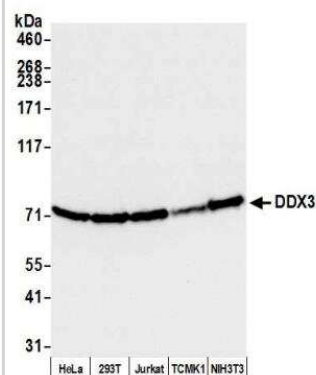
| <b>Product Information</b> |                             |
|----------------------------|-----------------------------|
| <b>Unit Size</b>           | 0.1 ml                      |
| <b>Concentration</b>       | 0.2 mg/ml                   |
| <b>Storage</b>             | Store at 4C. Do not freeze. |
| <b>Clonality</b>           | Polyclonal                  |
| <b>Preservative</b>        | 0.09% Sodium Azide          |
| <b>Isotype</b>             | IgG                         |
| <b>Purity</b>              | Immunogen affinity purified |
| <b>Buffer</b>              | TBS and 0.1% BSA            |

| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Description</b>         | Novus Biologicals Rabbit DDX3 Antibody (NB200-194) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-DDX3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit  |
| <b>Gene ID</b>             | 1654  |
| <b>Gene Symbol</b>         | DDX3X   |
| <b>Species</b>             | Human, Mouse  |
| <b>Immunogen</b>           | 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).                              |

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

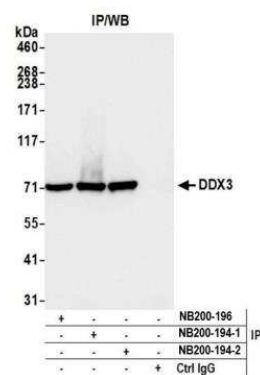
**Images**

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.





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**

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|             |   |
|-------------|---|
| NBL1-09795  | DDX3X 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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