

# Product Datasheet

## DDX50 Antibody - BSA Free

### NBP3-38571-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-38571-100ul**

DDX50 Antibody - BSA Free

**Product Information**

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                      |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>               | Polyclonal                                                                                  |
| <b>Preservative</b>            | 0.01% Thimerosal                                                                            |
| <b>Isotype</b>                 | IgG                                                                                         |
| <b>Purity</b>                  | Affinity purified                                                                           |
| <b>Buffer</b>                  | PBS (pH 7.3), 50% glycerol                                                                  |
| <b>Target Molecular Weight</b> | 83 kDa                                                                                      |

**Product Description**

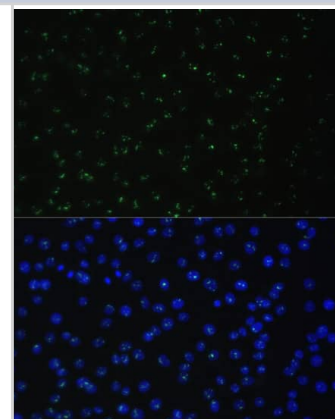
|                    |                                                                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit DDX50 Antibody - BSA Free (NBP3-38571) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                      |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                                            |
| <b>Gene ID</b>     | 79009                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b> | DDX50                                                                                                                                                                                                                                                                             |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human DDX50 (NP_076950.1).<br><br>Sequence:<br>MPGKLLWGDIMELEAPLEESQKKERQKSDRRKSRHHYDSDEKSETRENGV<br>TDDLDPKAKKSKMKEKLNGDTEEGFNRLSDEFSKSHKSRRKDLPNGDIDEYE<br>KKSKRVSSLDSTHKSSDNKLEETLTREQK |

**Product Application Details**

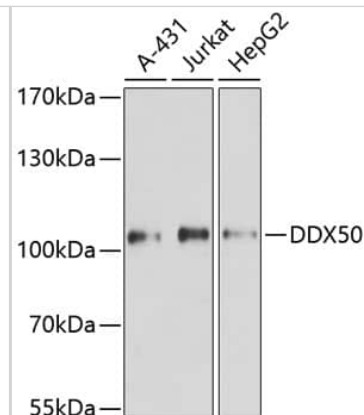
|                              |                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                           |
| <b>Recommended Dilutions</b> | Western Blot 1:200 - 1:2000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |

**Images**

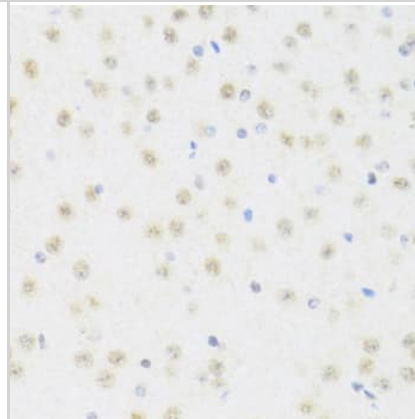
Immunocytochemistry/ Immunofluorescence: DDX50 Antibody [NBP3-38571] - Immunofluorescence analysis of C6 cells using DDX50 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



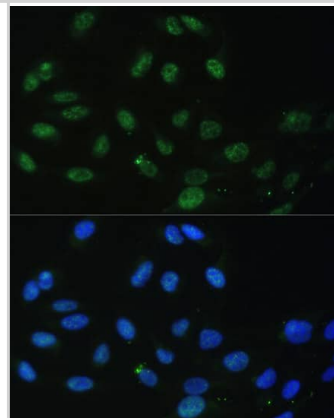
**Western Blot: DDX50 Antibody [NBP3-38571]** - Western blot analysis of various lysates using DDX50 Rabbit pAb at 1:3000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit.  
 Exposure time: 90s.



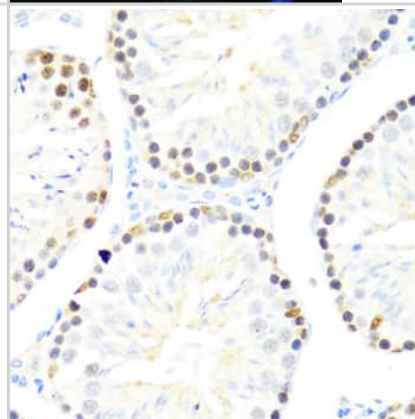
**Immunohistochemistry: DDX50 Antibody [NBP3-38571]** - Immunohistochemistry analysis of paraffin-embedded Mouse brain using DDX50 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



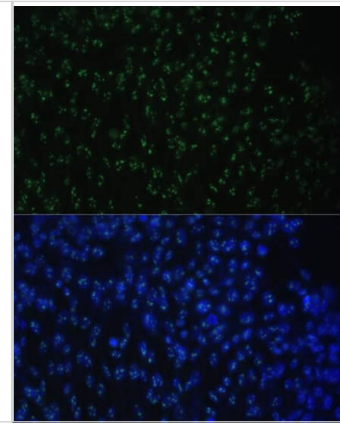
**Immunocytochemistry/ Immunofluorescence: DDX50 Antibody [NBP3-38571]** - Immunofluorescence analysis of U-2 OS cells using DDX50 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunohistochemistry: DDX50 Antibody [NBP3-38571]** - Immunohistochemistry analysis of paraffin-embedded Mouse testis using DDX50 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: DDX50 Antibody [NBP3-38571] - Immunofluorescence analysis of NIH-3T3 cells using DDX50 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-38571-100ul**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00079009-P01-10ug | Recombinant Human DDX50 GST (N-Term) Protein        |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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