

# Product Datasheet

## TXNIP Antibody (JY2) - Azide and BSA Free NBP2-81001

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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**NBP2-81001**

TXNIP Antibody (JY2) - Azide and BSA Free

| Product Information |                                          |
|---------------------|------------------------------------------|
| Unit Size           | 0.1 mg                                   |
| Concentration       | 1 mg/ml                                  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal                               |
| Clone               | JY2                                      |
| Preservative        | No Preservative                          |
| Isotype             | IgG1                                     |
| Purity              | Protein A or G purified                  |
| Buffer              | PBS                                      |

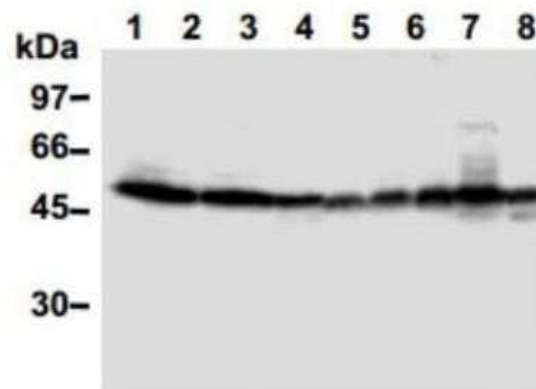
| Product Description |                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Knockout (KO) Validated Mouse TXNIP Antibody (JY2) - Azide and BSA Free (NBP1-54578) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                                                  |
| Gene ID             | 10628                                                                                                                                                                                                                                                  |
| Gene Symbol         | TXNIP                                                                                                                                                                                                                                                  |
| Species             | Human, Mouse, Rat                                                                                                                                                                                                                                      |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.                |
| Immunogen           | Human recombinant TXNIP                                                                                                                                                                                                                                |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Proximity Ligation Assay, CyTOF-ready, Knockout Validated                                                                                                         |
| Recommended Dilutions       | Western Blot 1:1000, Flow Cytometry 2-5 ug/0.1x10 <sup>6</sup> cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 5x10 <sup>6</sup> cells, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen reported by customer review, Proximity Ligation Assay, CyTOF-ready, Knockout Validated |

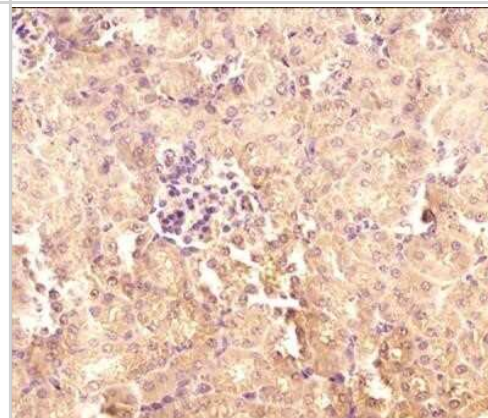


## Images

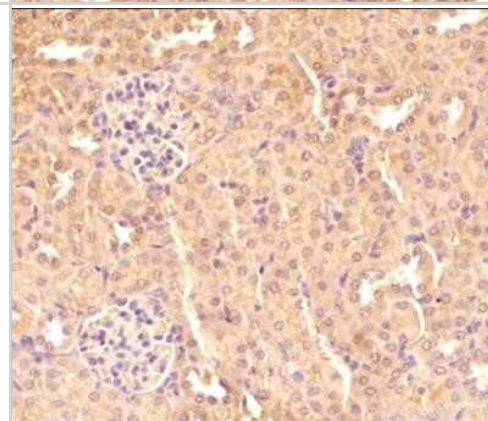
Western Blot: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - TXNIP expression in Raji (1), K562 (2), KG1 (3), MRC5 (4), IC2Tr (5), HEL (6), P19 (7) and WR19L (8). Image from the standard format of this antibody.



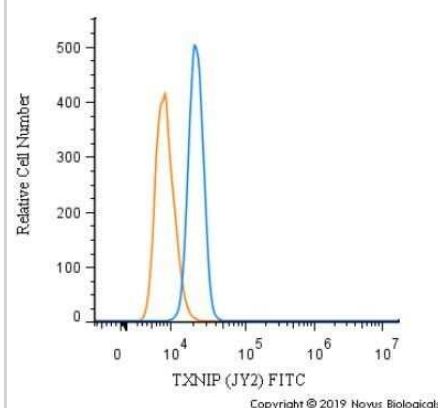
Immunocytochemistry: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - Formalin fixed and paraffin embedded tissue section of mouse kidney using TXNIP antibody (clone JY2) at 1:250 dilution. The signal was developed using HRP-conjugated secondary antibody and DAB reagent which followed counterstaining of the cell nuclei with



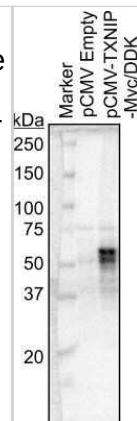
Immunohistochemistry: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - Formalin fixed and paraffin embedded tissue section of mouse kidney using TXNIP antibody (clone JY2) at 1:100 dilution. The signal was developed using HRP-conjugated secondary antibody and DAB reagent which followed counterstaining of the cell nuclei with



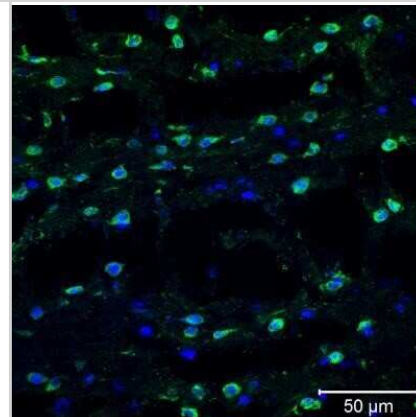
Flow Cytometry: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - An intracellular stain was performed on RH-30 cells with TXNIP (JY2) Antibody NBP1-54578F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to FITC.



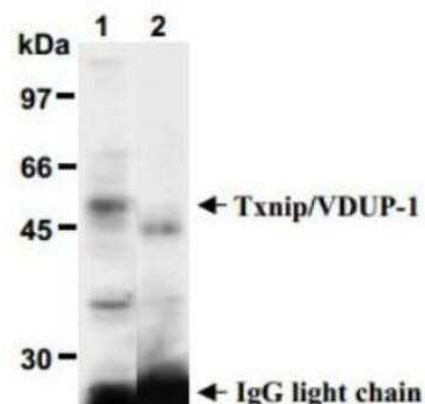
Western Blot: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - Hepa1 lysates probed with anti-TXNIP (JY2) at 1:2K. Cells were transfected with either empty vector or mouse TXNIP expression vector (MYC/DDK tagged). 30ug protein per lane. Image from verified customer review. Image from the standard format of this antibody.



Immunohistochemistry: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - TXNIP in mouse brain. Antibody dilution: 1:100, incubated overnight in 5%BSA + 0.2% Triton X 100. Image from verified customer review. Image from the standard format of this antibody.



Immunoprecipitation: TXNIP Antibody (JY2) - Azide and BSA Free [NBP2-81001] - Txnip/VDUP1 from Raji with NBP1-54578 (1) or mouse IgG1 (2). Image from the standard format of this antibody.





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### **Products Related to NBP2-81001**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP1-84784PEP    | TXNIP Recombinant Protein Antigen                       |

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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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