

# Product Datasheet

## aurora A-binding protein Antibody - BSA Free NBP1-81152

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 10/15/2025 v.20.1

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**NBP1-81152**

aurora A-binding protein Antibody - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

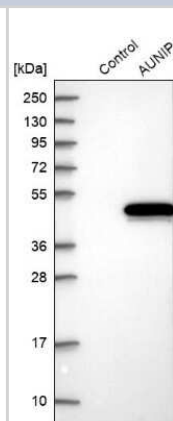
| Product Description |                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit aurora A-binding protein Antibody - BSA Free (NBP1-81152) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-aurora A-binding protein Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                                                                   |
| Gene ID             | 79000                                                                                                                                                                                                                                                                                    |
| Gene Symbol         | AUNIP                                                                                                                                                                                                                                                                                    |
| Species             | Human                                                                                                                                                                                                                                                                                    |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>CGVWLDAAALKRRKVQTHLIKPGTKMLTLLPGERKANIYFTQRRAPSTGIHQRS<br>IASFFTLQPGKTNGSDQTSVSSHTESQIN                                                                                                         |

| Product Application Details |                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                         |
| Recommended Dilutions       | Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50                    |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. Knockdown validation (PMID: 31964734). |

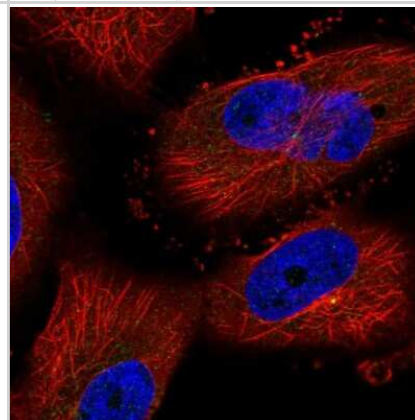


## Images

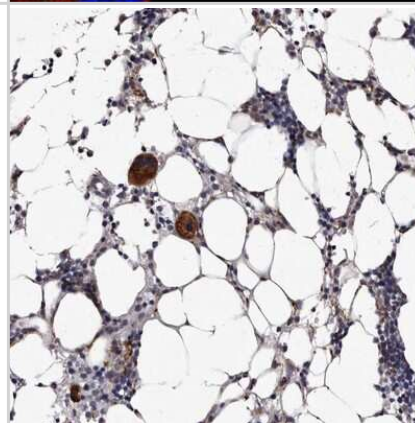
Western Blot: aurora A-binding protein Antibody [NBP1-81152] - Analysis in control (vector only transfected HEK293T lysate) and AUNIP over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: aurora A-binding protein Antibody [NBP1-81152] - Staining of human cell line U-251 MG shows localization to centrosome. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: aurora A-binding protein Antibody [NBP1-81152] - Staining of human bone marrow shows strong cytoplasmic positivity in megakaryocytes.



## Publications

Dubrovsky L, Ward A, Choi SH et al. Inhibition of HIV Replication by Apolipoprotein A-I Binding Protein Targeting the Lipid Rafts mBio 2020-01-21 [PMID: 31964734] (KD, WB, Virus)



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### **Products Related to NBP1-81152**

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|               |                                                      |
|---------------|------------------------------------------------------|
| NBP1-81152PEP | aurora A-binding protein Recombinant Protein Antigen |
| 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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