

# Product Datasheet

## Myosin 1A Antibody - BSA Free NBP2-55431

Unit Size: 100 ul

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

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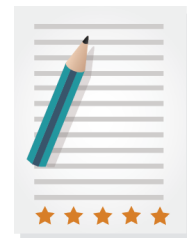
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Updated 9/9/2025 v.20.1

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**NBP2-55431**

Myosin 1A Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

|                         |                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit Myosin 1A Antibody - BSA Free (NBP2-55431) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.         |
| <b>Host</b>             | Rabbit                                                                                                                                                                                             |
| <b>Gene ID</b>          | 4640                                                                                                                                                                                               |
| <b>Gene Symbol</b>      | MYO1A                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                              |
| <b>Reactivity Notes</b> | Mouse 82%                                                                                                                                                                                          |
| <b>Immunogen</b>        | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:<br>FSLHLEMSVSGSKGDFLLVSEHVIELLTKMYRAVLDTQRQLTVTVTEKFSSVR<br>FKENSVAVKVVQGPAGGDNSKLRY |

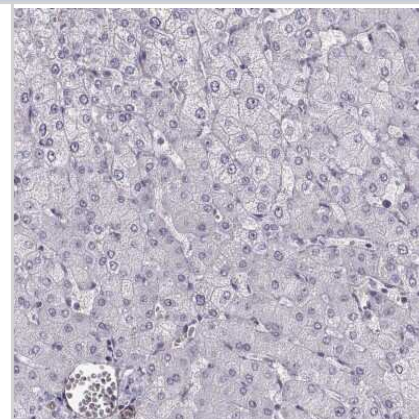
**Product Application Details**

|                              |                                                                                 |
|------------------------------|---------------------------------------------------------------------------------|
| <b>Applications</b>          | Immunohistochemistry-Paraffin, Immunohistochemistry                             |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                           |

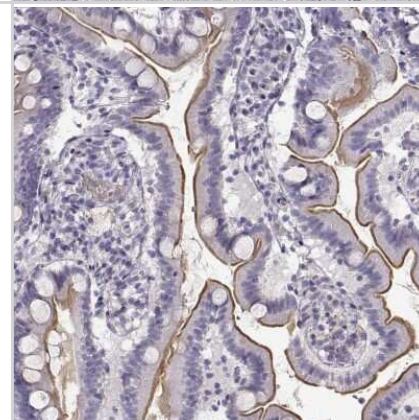


## Images

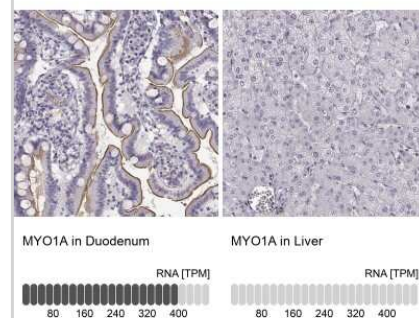
Immunohistochemistry-Paraffin: Myosin 1A Antibody [NBP2-55431] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: Myosin 1A Antibody [NBP2-55431] - Staining of human duodenum shows high expression.



Immunohistochemistry-Paraffin: Myosin 1A Antibody [NBP2-55431] - Staining in human duodenum and liver tissues using anti-MYO1A antibody. Corresponding MYO1A RNA-seq data are presented for the same tissues.





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### **Products Related to NBP2-55431**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-55431PEP | Myosin 1A 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.

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

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