

# Product Datasheet

## FAM151A Antibody - BSA Free NBP2-13983

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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Updated 1/18/2026 v.20.1

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**NBP2-13983**

FAM151A Antibody - BSA Free

| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <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  |

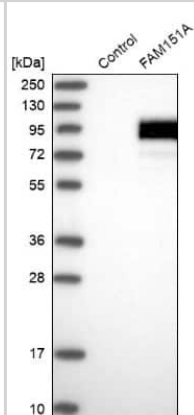
| Product Description     |  |
|-------------------------|--|
| <b>Description</b>      | Novus Biologicals Knockout (KO) Validated Rabbit FAM151A Antibody - BSA Free (NBP2-13983) is a polyclonal antibody validated for use in IHC and WB. Anti-FAM151A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit   |
| <b>Gene ID</b>          | 338094   |
| <b>Gene Symbol</b>      | FAM151A  |
| <b>Species</b>          | Human, Mouse   |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%). Mouse reactivity reported in scientific literature (PMID: 31949211).   |
| <b>Immunogen</b>        | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>GTANETGVPIMAHPTIYSDNTLEQWLDAVLGSSQKGIKLDFKNIKAVGPSLLDLL<br>RQLTEEGKVRRIWINADILKGNMLISTEVNATQFLALVQEYKPKATLSPGWTT<br>FYMSTSPNRTYTQAMVEKMHVELVG                           |

| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockout Validated |
| <b>Application Notes</b>     | IHC-Paraffin, HIER pH 6 retrieval is recommended.  |

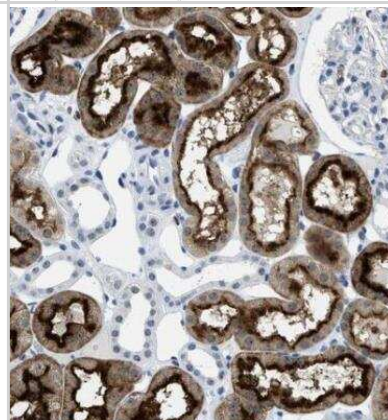


## Images

Western Blot: FAM151A Antibody [NBP2-13983] - Analysis in control (vector only transfected HEK293T lysate) and FAM151A over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: FAM151A Antibody [NBP2-13983] - Staining of human kidney shows strong cytoplasmic and membranous positivity in cells in tubules.



Western Blot: FAM151A Antibody [NBP2-13983] - Fam151aKO/KO mice were aged to one year to observe whether they exhibit late onset retinal degeneration not picked up on at the 15 week fundal examination by IMPC. Western blot showing loss of Fam151a protein in kidney samples of Fam151aKO/KO mice compared to Fam151a+/+, band at 66 kDa highlighted. Alpha-tubulin used as a loading control. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/31949211/](https://pubmed.ncbi.nlm.nih.gov/31949211/)) licensed under a CC-BY license.



## Publications

Findlay AS, McKie L, Keighren M et al. Fam151b, the mouse homologue of C.elegans menorin gene, is essential for retinal function Sci Rep 2020-01-16 [PMID: 31949211] (WB, Mouse)



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### **Products Related to NBP2-13983**

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|               |   |
|---------------|---|
| NBP2-13983PEP | FAM151A Recombinant Protein Antigen                 |
| 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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