

# Product Datasheet

## PLA2R1 Antibody (CL0485) - Azide and BSA Free NBP3-43910

Unit Size: 100 ug

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

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**NBP3-43910**

PLA2R1 Antibody (CL0485) - Azide and BSA Free

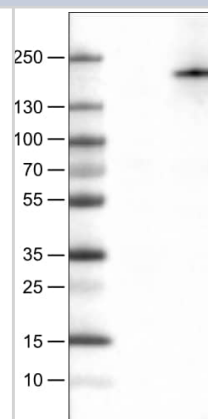
| Product Information         |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                         |
| Concentration               | LYOPH mg/ml                                                                                                                                                                    |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                     |
| Clone                       | CL0485                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype                     | IgG1                                                                                                                                                                           |
| Purity                      | Protein A purified                                                                                                                                                             |
| Buffer                      | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose                                                                                                              |

| Product Description |                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Mouse                                                                                                                                |
| Gene ID             | 22925                                                                                                                                |
| Gene Symbol         | PLA2R1                                                                                                                               |
| Species             | Human                                                                                                                                |
| Immunogen           | This antibody was generated using a recombinant protein sequence of Q13018, with the exact immunogen sequence remaining proprietary. |

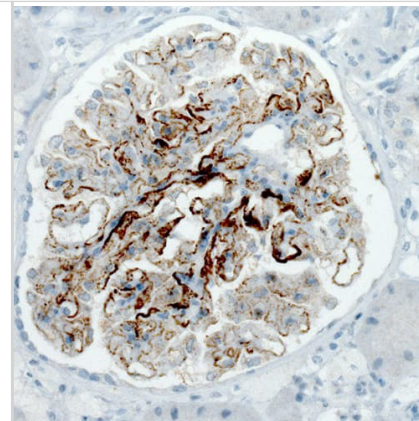
| Product Application Details |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin                        |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.              |

**Images**

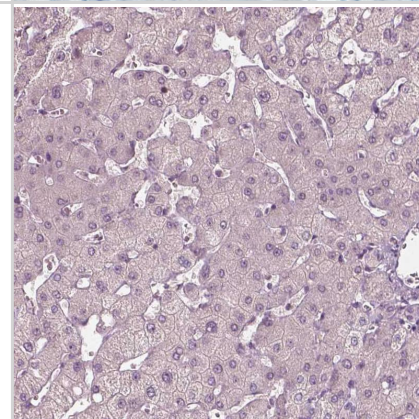
Lane 1: Marker [kDa]  
 Lane 2: Negative control (vector only transfected HEK293T lysate)  
 Lane 3: PLA2R1 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



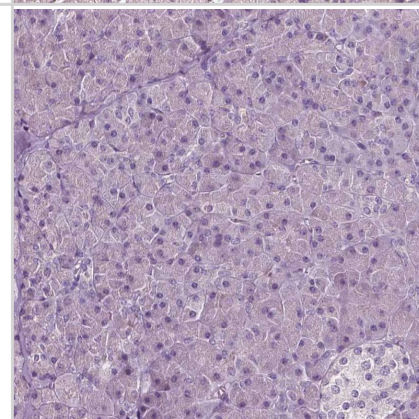
Staining of human kidney (idiopathic membranous nephropathy) shows strong membranous positivity in cells in glomeruli.



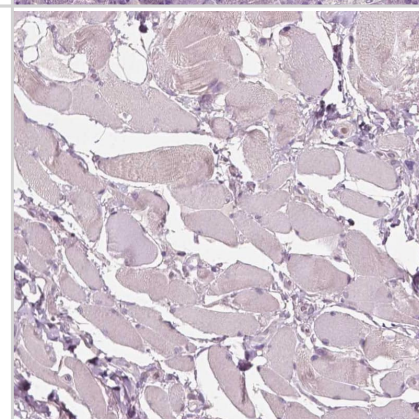
Staining of human liver shows no positivity in hepatocytes as expected.



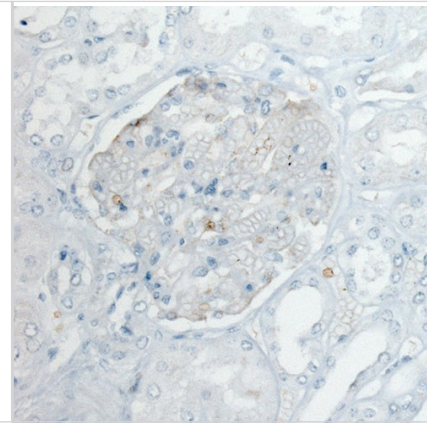
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of normal human kidney shows very weak membranous positivity in cells in glomeruli.





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### **Products Related to NBP3-43910**

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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)                        |
| NBP1-84449PEP    | PLA2R1 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.

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