

# Product Datasheet

## Podocin/NPHS2 Antibody NBP2-26057

Unit Size: 0.1 mg

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

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### Publications: 3

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**NBP2-26057****Podocin/NPHS2 Antibody**

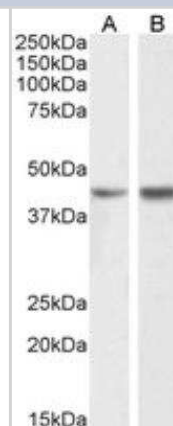
| <b>Product Information</b> |                                                        |
|----------------------------|--------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 mg                                                 |
| <b>Concentration</b>       | 0.5 mg/ml                                              |
| <b>Storage</b>             | Store at -20C. Avoid freeze-thaw cycles.               |
| <b>Clonality</b>           | Polyclonal                                             |
| <b>Preservative</b>        | 0.02% Sodium Azide                                     |
| <b>Isotype</b>             | IgG                                                    |
| <b>Purity</b>              | Immunogen affinity purified                            |
| <b>Buffer</b>              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| <b>Product Description</b> |                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Goat Podocin/NPHS2 Antibody (NBP2-26057) is a polyclonal antibody validated for use in WB and ELISA. Anti-Podocin/NPHS2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Goat                                                                                                                                                                                                                                             |
| <b>Gene ID</b>             | 7827                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>         | NPHS2                                                                                                                                                                                                                                            |
| <b>Species</b>             | Human, Mouse                                                                                                                                                                                                                                     |
| <b>Immunogen</b>           | Peptide with sequence C-SPSKPVEPLNPKK corresponding to C-Terminus according to NP_055440.1.                                                                                                                                                      |

| <b>Product Application Details</b> |                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Peptide ELISA                                                                                                                           |
| <b>Recommended Dilutions</b>       | Western Blot 0.5 - 2 ug/mL, Peptide ELISA Detection limit 1:64000                                                                                     |
| <b>Application Notes</b>           | WB: Approx 42-45 kDa band observed in Human and Mouse Kidney lysates (calculated MW of 42.2 kDa according to Human NP_055440.1 and Mouse NP_569723.1) |

**Images**

Western Blot: Podocin/NPHS2 Antibody [NBP2-26057] - Staining of Human (A) and Mouse (B) Kidney lysate with antibody at 1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



## Publications

Zhang F, Liu J, Yu J et al. Effect of Nephropathy Prescription I on the Expression of Angptl3 and Podocyte-Associated Protein in Mice with Adriamycin-Induced Nephropathy. Evidence-based complementary and alternative medicine : eCAM 2021-04-01 [PMID: 38149181]

Zhang F, Liu J, Yu J et al. Effect of Nephropathy Prescription I on the Expression of Angptl3 and Podocyte-Associated Protein in Mice with Adriamycin-Induced Nephropathy Evidence-Based Complementary and Alternative Medicine 2022-01-31 [PMID: 36787114] (WB, Mouse)

Relle M, Cash H, Brochhausen C et al. New perspectives on the renal slit diaphragm protein podocin. Mod Pathol 2011-08-01 [PMID: 21499232]





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### **Products Related to NBP2-26057**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |
| NBP2-33570PEP   | Podocin/NPHS2 Recombinant Protein Antigen                              |

### **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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