

## Rabbit Nephrin Polyclonal Antibody | anti-NPHS1 antibody

Rabbit anti-Nephrin Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221617</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

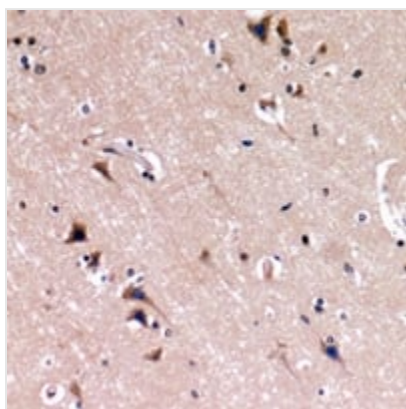
### PRODUCT SYNONYMS

Nephrin; Polyclonal Antibody; Rabbit anti-Nephrin Antibody; NPHN; Renal glomerulus-specific cell adhesion receptor; anti-NPHS1 antibody

### PRODUCT SPECIFICATIONS

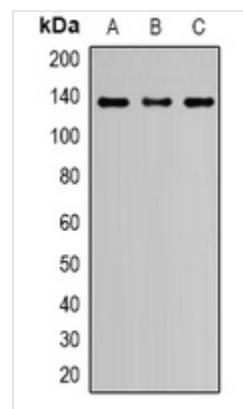
|                                                 |                                                                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                             |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                        |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                              |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                 |
| Applicable Applications for anti-NPHS1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                          |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Nephrin. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Nephrin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Nephrin expression in HeLa (A), HEK293T (B), PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-NPHS1 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 10441644                                                  |
| NCBI GeneID                      | 4868                                                      |
| UniProt Accession #              | O60500; Q9QZS7; Q9R044                                    |
| Molecular Weight                 | 134,742 Da                                                |
| NCBI Official Full Name          | nephrin                                                   |
| NCBI Official Synonym Full Names | nephrosis 1, congenital, Finnish type (nephrin)           |
| NCBI Official Symbol             | NPHS1                                                     |
| NCBI Official Synonym Symbols    | CNF; NPHN; nephrin                                        |
| NCBI Protein Information         | nephrin; renal glomerulus-specific cell adhesion receptor |
| UniProt Protein Name             | Nephrin                                                   |
| UniProt Gene Name                | <b>NPHS1</b>                                              |
| UniProt Synonym Gene Names       | NPHN                                                      |
| UniProt Entry Name               | NPHN_HUMAN                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nephrin-antibody-immunohistochemistry-western-blot-elisa/221617>