

## Rabbit anti-Human, Mouse NPHS2 Polyclonal Antibody | anti-NPHS2 antibody

NPHS2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA304237 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

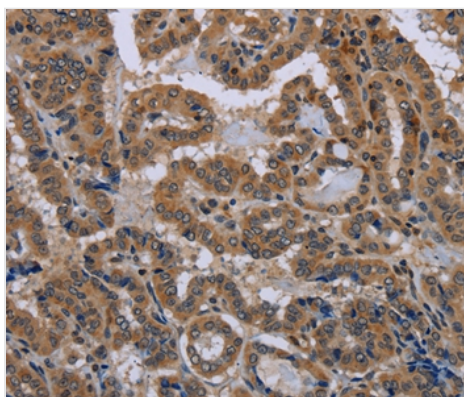
### PRODUCT SYNONYMS

NPHS2; Polyclonal Antibody; NPHS2 Antibody; PDCN; SRN1; anti-NPHS2 antibody

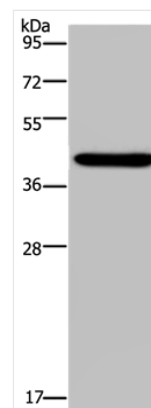
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                              |
| Reactivity                                      | Human, Mouse                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                          |
| Specificity                                     | The antibody detects endogenous levels of total NPHS2 protein.                                                      |
| Purity/Purification                             | Antigen affinity purification.                                                                                      |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                     |
| Concentration                                   | 2.8 mg/ml (varies by lot)                                                                                           |
| Sequence Length                                 | 315                                                                                                                 |
| Applicable Applications for anti-NPHS2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                       |
| Immunogen Type                                  | Peptide                                                                                                             |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the C terminal of human nephrosis 2, idiopathic, steroid-resistant |
| Target Name                                     | NPHS2                                                                                                               |
| Preparation and Storage                         | Store at -20 degree C                                                                                               |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.


**Application Data**

Gel: 10%SDS-PAGE Lysate: 40ug Human hepatocellular carcinoma tissuePrimary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NPHS2 antibody | This gene encodes the glomerular protein podocin which plays a role in the regulation of glomerular permeability, and acts as a linker between the plasma membrane and the cytoskeleton. Defects in this gene are the cause of autosomal recessive steroid-resistant nephrotic syndrome (SRN). SRN is characterized by onset between three months and five years, resistance to steroid therapy and rapid progression to end-stage renal disease. An alternative splice variant has been described but its full length sequence has not been determined. |
| Product Categories/Family for anti-NPHS2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 662033920                                            |
| NCBI GeneID                      | 7827                                                 |
| NCBI Accession #                 | NP_001284504.1                                       |
| NCBI GenBank Nucleotide #        | NM_001297575.1                                       |
| UniProt Accession #              | Q9NP85; Q8N6Q5; B1AM32; B1AM33                       |
| Molecular Weight                 | 34,421 Da                                            |
| NCBI Official Full Name          | podocin isoform 2                                    |
| NCBI Official Synonym Full Names | nephrosis 2, idiopathic, steroid-resistant (podocin) |
| NCBI Official Symbol             | NPHS2                                                |
| NCBI Official Synonym Symbols    | PDCN; SRN1                                           |
| NCBI Protein Information         | podocin                                              |
| UniProt Protein Name             | Podocin                                              |
| UniProt Gene Name                | NPHS2                                                |
| UniProt Entry Name               | PODO_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/nphs2-antibody-immunohistochemistry-western-blot-elisa/304237>