

ARG40173 anti-NPHS2 / Podocin antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes NPHS2 / Podocin |
| Tested Reactivity | Hu, Ms |
| Predict Reactivity | Cow, Pig |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NPHS2 / Podocin |
| Species | Human |
| Immunogen | Synthetic peptide around the C-terminus of Human NPHS2 / Podocin. (C-SPSKPVEPLNPKK, NP_055440.1) |
| Conjugation | Un-conjugated |
| Alternate Names | SRN1; Podocin; PDCN |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|---------------|
| | WB | 0.5 - 2 µg/ml |

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

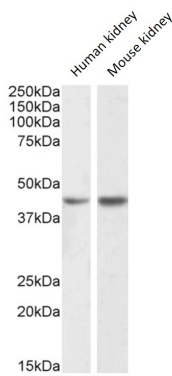
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Ammonium sulphate precipitation followed by affinity purification with immunogen. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | NPHS2 |
| Gene Full Name | nephrosis 2, idiopathic, steroid-resistant (podocin) |
| Background | This gene encodes a protein that plays a role in the regulation of glomerular permeability. Mutations in this gene cause steroid-resistant nephrotic syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] |
| Function | Plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton. [UniProt] |
| Calculated Mw | 42 kDa |
| PTM | Isoform 2 is glycosylated. [UniProt] |
| Cellular Localization | Isoform 1: Cell membrane; Peripheral membrane protein. Isoform 2: Endoplasmic reticulum. [UniProt] |

Images



ARG40173 anti-NPHS2 / Podocin antibody WB image

Western blot: 35 µg of Human kidney and Mouse kidney lysates (in RIPA buffer) stained with ARG40173 anti-NPHS2 / Podocin antibody at 1 µg/ml dilution and incubated at RT for 1 hour.