Datasheet for ABIN285873

# anti-Nephrin antibody (AA 1243-1256)

9 Publications

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | Nephrin (NPHS1) |
| Binding Specificity: | AA 1243-1256 |
| Reactivity: | Human, Mouse |
| Host: | Guinea Pig |
| Clonality: | Polyclonal |
| Conjugate: | This Nephrin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

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|---|---|
| Immunogen: | Nephrin antibody was raised in guinea pig using a synthetic peptide corresponding to residues 1243-1256 of the intracellular domain of nephrin as the immunogen. |
| Isotype: | IgG1 |
| Purity: | Whole antiserum |

## Target Details

| | |
|---|---|
| Target: | Nephrin (NPHS1) |
| Alternative Name: | Nephrin (NPHS1 Products) |
| Pathways: | Regulation of Actin Filament Polymerization, Skeletal Muscle Fiber Development |

## Application Details

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|---|---|
| Application Notes: | IHC-F: 1:50, IHC-P: 1:50, WB: 1:500 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Supplied as a liquid with 0.09 % NaN3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product. |
| Storage: | 4 °C |
| Storage Comment: | Store at 4 °C |

## Publications

Product cited in:

Zhou, Chen, Lu, Wu, Yuan, Hu, Miao, Zhang, Li, Hou, Nie, Liu: "Wnt/β-catenin links oxidative stress to podocyte injury and proteinuria." in: **Kidney international**, Vol. 95, Issue 4, pp. 830-845, (2020) (PubMed).

Eng, Kaverina, Schneider, Freedman, Gross, Miner, Pippin, Shankland: "Detection of renin lineage cell transdifferentiation to podocytes in the kidney glomerulus with dual lineage tracing." in: **Kidney international**, Vol. 93, Issue 5, pp. 1240-1246, (2018) (PubMed).

de Groot, Damen, Kosse, Alsady, Doty, Baumgarten, Sheehan, van der Vlag, Korstanje, Deen: " Lithium reduces blood glucose levels, but aggravates albuminuria in BTBR-ob/ob mice." in: **PLoS ONE**, Vol. 12, Issue 12, pp. e0189485, (2018) (PubMed).

Beckerman, Bi-Karchin, Park, Qiu, Dummer, Soomro, Boustany-Kari, Pullen, Miner, Hu, Rohacs, Inoue, Ishibe, Saleem, Palmer, Cuervo, Kopp, Susztak: "Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice." in: **Nature medicine**, Vol. 23, Issue 4, pp. 429-438, (2017) (PubMed).

Awad, You, Gao, Gvritishvili, Cooper, Tombran-Tink: "Delayed Treatment with a Small Pigment

Epithelium Derived Factor (PEDF) Peptide Prevents the Progression of Diabetic Renal Injury." in: **PLoS ONE**, Vol. 10, Issue 7, pp. e0133777, (2016) (PubMed).

There are more publications referencing this product on: Product page