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NPHS2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9131a

Specification

NPHS2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9NP85

NPHS2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 7827

Other Names
Podocin, NPHS2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9131a was selected from the N-term region of human NPHS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NPHS2 Antibody (N-term) Blocking Peptide - Protein Information

Name NPHS2

Function
Plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton.

Cellular Location
[Isoform 1]: Cell membrane; Peripheral membrane protein

Tissue Location
Almost exclusively expressed in the podocytes of fetal and mature kidney glomeruli

NPHS2 Antibody (N-term) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

NPHS2 Antibody (N-term) Blocking Peptide - Images

NPHS2 Antibody (N-term) Blocking Peptide - Background

NPHS2 is 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. SRN is characterized by onset between three months and five years, resistance to steroid therapy and rapid progression to end-stage renal disease.

NPHS2 Antibody (N-term) Blocking Peptide - References

Boute,N., et.al., Nat. Genet. 24 (4), 349-354 (2000)