

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

NPHS2 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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](/products/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

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)