

**Nephrin Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10091b****Specification**

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**Nephrin Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O60500](#)  
Other Accession [NP\\_004637.1](#)

**Nephrin Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 4868

**Other Names**

Nephrin, Renal glomerulus-specific cell adhesion receptor, NPHS1, NPHN

**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.

**Nephrin Antibody (C-term) Blocking peptide - Protein Information**

**Name** NPHS1

**Synonyms** NPHN

**Function**

Seems to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation through regulation of myoblast fusion (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Note=Predominantly located at podocyte slit diaphragm between podocyte foot processes. Also associated with podocyte apical plasma membrane.

**Tissue Location**

Specifically expressed in podocytes of kidney glomeruli

## **Nephrin Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **Nephrin Antibody (C-term) Blocking peptide - Images**