10320 Camino Santa Fe, Suite G
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Nephrin Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10091b

Specification

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

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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