

Podocin Antibody (R30383)

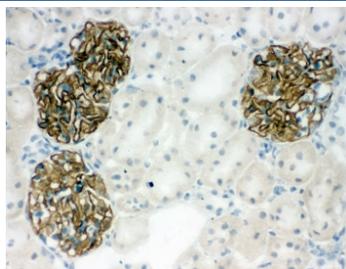
Catalog No.	Formulation	Size
R30383	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

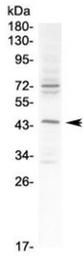
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9NP85
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml
Limitations	This Podocin antibody is available for research use only.



Western blot testing of Podocin antibody and rat kidney tissue lysate. Predicted molecular weight ~42 kDa.



IHC-F testing of Podocin antibody and rat kidney tissue



Western blot testing of Podocin antibody and human 293T cell lysate. Predicted molecular weight ~42 kDa.

Description

Podocin (PDCN), also called NPHS2, is a protein which lines the podocytes and assists in maintaining the barrier at the glomerular basement membrane. PDCN is a causative gene for Familial idiopathic nephrotic syndromes, which represents a heterogeneous group of kidney disorders, and include autosomal recessive steroid-resistant nephrotic syndrome, which is characterized by early childhood onset of proteinuria, rapid progression to end-stage renal disease and focal segmental glomerulosclerosis.

Application Notes

Titration of the Podocin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 368-383 (KPVEPLNPKKKDSPML) were used as the immunogen for this Podocin antibody (100% homologous human and mouse).

Storage

The lyophilized Podocin antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freezing and thawing.