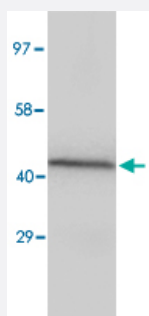


NPHS2 polyclonal antibody

Catalog # PAB14847 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat kidney tissue lysate with NPHS2 polyclonal antibody (Cat # PAB14847).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NPHS2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human NPHS2.
Host	Rabbit
Theoretical MW (kDa)	42, 34
Reactivity	Human, Mouse, Rat
Specificity	Different from the mouse sequence by one aminoacid.
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of rat kidney tissue lysate with NPHS2 polyclonal antibody (Cat # PAB14847).

Gene Info — NPHS2

Entrez GeneID [7827](#)

Gene Name NPHS2

Gene Alias PDCN, SRN1

Gene Description nephrosis 2, idiopathic, steroid-resistant (podocin)

Omim ID [600995 604766](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. Defects in this gene are the cause of autosomal recessive steroid-resistant nephrotic syndrome (SRN). SRN is characterized by onset between three months and five years, resistance to steroid therapy and rapid progression to end-stage renal disease. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000033186|podocin

Disease

- [Albuminuria](#)
- [Alport syndrome](#)
- [Atherosclerosis](#)

- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glomerulosclerosis](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Nephritis](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Proteinuria](#)
- [Purpura](#)
- [Tobacco Use Disorder](#)