

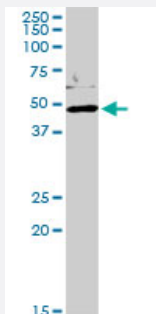
MaxPab®

NPHS2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00007827-D01

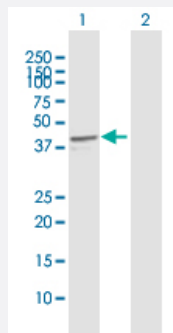
Size 100 uL

Applications



Western Blot (Tissue lysate)

NPHS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NPHS2 expression in mouse kidney.

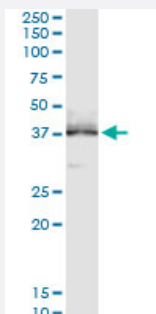


Western Blot (Transfected lysate)

Western Blot analysis of NPHS2 expression in transfected 293T cell line ([H00007827-T02](#)) by NPHS2 MaxPab polyclonal antibody.

Lane 1: NPHS2 transfected lysate(34.40 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of NPHS2 transfected lysate using anti-NPHS2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NPHS2 purified MaxPab mouse polyclonal antibody (B01P) ([H00007827-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NPHS2 protein.

Immunogen	NPHS2 (AAH29141.1, 1 a.a. ~ 315 a.a) full-length human protein.
Sequence	MERRARSSSRESRGRGGRTPHKENKRAKAERSGGGRGRQEAGPEPSGSGRAGTPGEPRAPA ATVVDVDEVVRSGEEGTEVVALLESERPEEGTKSSGLGACEWLLVLISLLFIIMTFPFSIWFCVKV VQEYERVIIIFRLGHLLPGRAKGPLFFFLPCLDTYHKVDLRLQTLEIPFHEVALDSVTCWGIKVERIE IKDVRLPAGLQHS�AVEAEAQRQAKVRMIAAEAEEKAASESLRMAAEILSGTPAAVQLRYLHTLQSL STEKPSTVVLPLPFDLLNCLSSPSNRTQGSLPFPSPSKPVEPLNPKKKDSPML
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (80)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — NPHS2

Entrez GeneID	7827
GeneBank Accession#	BC029141
Protein Accession#	AAH29141.1
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

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- [Alport syndrome](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)

- [Glomerulosclerosis](#)
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- [Kidney Diseases](#)
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