

ARG40166 anti-NPHS2 / Podocin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NPHS2 / Podocin
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NPHS2 / Podocin
Species	Human
Immunogen	Synthetic peptide derived from Human NPHS2.
Conjugation	Un-conjugated
Alternate Names	SRN1; Podocin; PDCN

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human fetal kidney	
Observed Size	~ 50 kDa	

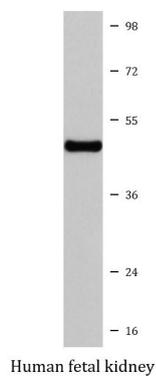
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NPHS2
Gene Full Name	nephrosis 2, idiopathic, steroid-resistant (podocin)
Background	This gene encodes a protein that plays a role in the regulation of glomerular permeability. Mutations in this gene cause steroid-resistant nephrotic syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Function	Plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton. [UniProt]
Calculated Mw	42 kDa
PTM	Isoform 2 is glycosylated. [UniProt]
Cellular Localization	Isoform 1: Cell membrane; Peripheral membrane protein. Isoform 2: Endoplasmic reticulum. [UniProt]

Images



ARG40166 anti-NPHS2 / Podocin antibody WB image

Western blot: Human fetal kidney lysate stained with ARG40166 anti-NPHS2 / Podocin antibody.