

ARG40173 anti-NPHS2 / Podocin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NPHS2 / Podocin
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NPHS2 / Podocin
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Human NPHS2 / Podocin. (C-SPSKPVEPLNPKK, NP_055440.1)
Conjugation	Un-conjugated
Alternate Names	SRN1; Podocin; PDCN

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

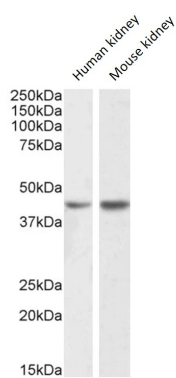
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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



ARG40173 anti-NPHS2 / Podocin antibody WB image

Western blot: 35 µg of Human kidney and Mouse kidney lysates (in RIPA buffer) stained with ARG40173 anti-NPHS2 / Podocin antibody at 1 µg/ml dilution and incubated at RT for 1 hour.