

## Goat anti-NPHS2 / SRN1 Antibody

Item Number	dAP-2914
Target Molecule	Principle Name: NPHS2 / SRN1; Official Symbol: NPHS2; All Names and Symbols: NPHS2; nephrosis 2, idiopathic, steroid-resistant (podocin); PDCN; SRN1; podocin; Accession Number (s): NP_055440.1; Human Gene ID(s): 7827; Non-Human GeneID(s):
Immunogen	SPSKPVEPLNPKK, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 45kDa band observed in Human, Mouse and Pig Kidney lysates (calculated MW of 42.2kDa according to NP_055440.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Relle M, Cash H, Brochhausen C, Strand D, Menke J, Galle PR, Schwarting A. New perspectives on the renal slit diaphragm protein podocin. <i>Mod Pathol</i> . 2011 Aug;24(8):1101-10. PMID: 21499232->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**