

## NPHS2 Antibody

Catalog No: #37775

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## Description

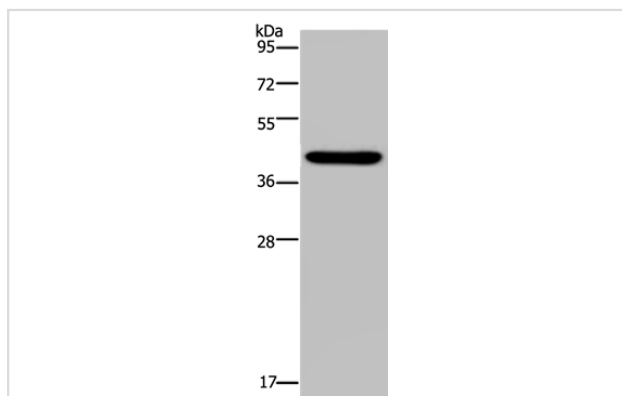
Product Name	NPHS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NPHS2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human nephrosis 2, idiopathic, steroid-resistant
Target Name	NPHS2
Other Names	PDCN; SRN1
Accession No.	Swiss-Prot#: Q9NP85NCBI Gene ID: 7827Gene Accssion: NP_055440
Uniprot	Q9NP85
GeneID	7827;
SDS-PAGE MW	42kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

## Images

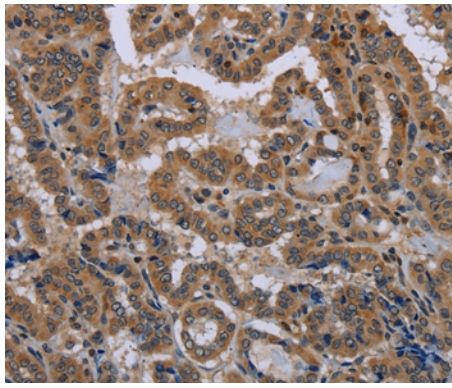


Gel: 10%SDS-PAGE

Lysate: 40ug Human hepatocellular carcinoma tissuePrimary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37775 at dilution 1/40.

## Background

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.

Note: This product is for in vitro research use only