

Anti-Podocin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Molecular Weight:	Theoretical: 42 kDa.
Purification:	Protein A purified

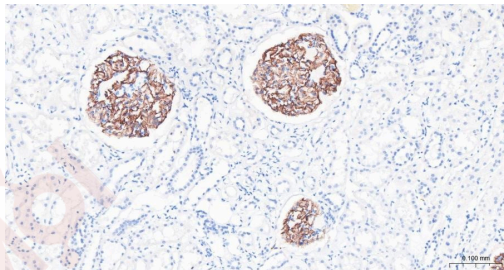
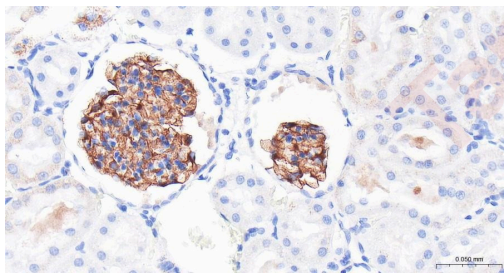
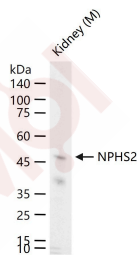
Applications

1. 25 µg total protein per Lane of various lysates probed with NPHS2 polyclonal antibody, unconjugated (TMAB-01556) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.

2. Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NPHS2 Polyclonal Antibody, Unconjugated (TMAB-01556) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

3. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NPHS2 Polyclonal Antibody, Unconjugated (TMAB-01556) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

Verified Activity:



Application: IF,IHC-Fr,IHC-P

Recommended IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500

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Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NPHS2/Podocin

Antigen Species: Human

Gene ID: 7827

Uniprot ID: Q9NP85

Synonyms: NPHS2;Podocin

Biology Area: Other Antibodies,Transmembrane,Other Cell Types

Research Background

Podocin is an important member of a group of proteins shown to be associated with the slit diaphragm. Podocin belongs to the band 7 stomatin family of lipid raft-associated proteins. It is a hairpin like integral membrane protein with intracellular N and C termini. Podocin is located at the insertion site of the slit membrane, and is thought to act as a scaffold protein required to maintain or regulate the structural integrity of the slit diaphragm. It plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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