bs-10233R

[Primary Antibody]

Nephrin Rabbit pAb



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DATACHEET		
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GenelD: 4868	SWISS: 060500	IF (1:100-500)
Target: Nephrin		Flow-Cyt (1µg/Test)
Immunogen: KLH conjugated synthetic peptide derived from human Nephrin: 451-550/1241. < Extracellular >		Reactivity: Human, Mouse, Rat, Dog (predicted: Rabbit)
Purification: affinity purified by I	Protein A	
Concentration: 1mg/ml		Predicted
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%		MW.: ^{138 kDa}
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cell membrane
Background: This gene encodes adhesion molecule barrier in the kidne tissues, and the pro at the slit diaphrag is thought to functi other plasma macru in this gene result in characterized by se	a member of the immunoglobulin family of cell s that functions in the glomerular filtration y. The gene is primarily expressed in renal tein is a type-1 transmembrane protein found n of glomerular podocytes. The slit diaphragm on as an ultrafilter to exclude albumin and prolecules in the formation of urine. Mutation n Finnish-type congenital nephrosis 1, vere proteinuria and loss of the slit diaphragm	5

- VALIDATION IMAGES -



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Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-Nephrin (bs-10233R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 138 kD Observed band size: 138 kD



Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Nephrin Polyclonal Antibody, Unconjugated(bs-10233R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control: RSC96(blue), the cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice. Isotype Control Antibody: Rabbit the cells(293T) were fixed with 2% paraformaldehyde (10 min). Isotype Control Antibody: Rabbit IgG(orange) ; Secondary

Antibody: Goat anti-rabbit IgG-PE(white blue),

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and foot processes.[provided by RefSeq, Oct 2009]

Sample: MDCK(Dog) Cell Lysate at 40 ug Primary: Anti-Nephrin (bs-10233R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 138 kD Observed band size: 138 kD

IgG(orange) ; Secondary Antibody: Goat antirabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1µg in 100 µL1X PBS containing 0.5% BSA(green). Dilution: 1:200 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1 μ g in 100 μ L1X PBS containing 0.5% BSA(green).

- SELECTED CITATIONS -

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