

For Research Use Only

Nephrin Polyclonal antibody

Catalog Number: 22912-1-AP



Basic Information

Catalog Number: 22912-1-AP	GenBank Accession Number: BC156935	Purification Method: Antigen Affinity purified
Size: 450 µg/ml	GeneID (NCBI): 4868	Recommended Dilutions: WB 1:500-1:2000 IHC 1:400-1:1600
Source: Rabbit	UNIPROT ID: O60500	
Isotype: IgG	Full Name: nephrosis 1, congenital, Finnish type (nephrin)	
Immunogen Catalog Number: AG18994	Calculated MW: 1241 aa, 135 kDa	
	Observed MW: 120-130 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse kidney tissue, IHC : rat kidney tissue,
Species Specificity: human, mouse, rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Podocytes are a major component of the glomerular blood filtration barrier. Podocyte protein Nephrin, also known as NPHS1, is the first to be identified as a central component of the slit diaphragm (SD), which is podocyte cell-cell junction. Mutations in Nephrin lead to congenital nephrosis, such as steroid-resistant proteinuria and congenital nephrotic syndrome of the Finnish type (CNF).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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