Anti-Nephrin

Catalog No.       GP-N2
Quantity           100 µl

Source            Guinea pig polyclonal
Immunogen          Synthetic peptide of human Nephrin (intracellular domain, aa1243-1256)
UniProt ID         O60500
Reactivity         human, mouse
Purification       whole antiserum
Conjugate          unconjugated
Formulation        contains 0.09% sodium azide
Storage            short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/thaw cycles

Tested Applications

IF                    assay dependent
IHC (FFPE)            1:50 (microwave treatment recommended)
IHC (frozen)          1:50
WB                    1:500

Background

The antibody reacts specifically with nephrin, first described as a kidney podocyte marker protein (MW 135,000 calculated from aa sequence data; apparent Mr 185,000 after SDS-PAGE). Nephrin is a transmembrane cell adhesion molecule located at the slit diaphragm.

Immunolocalization: The antibody stains positively podocytes of the kidney, radial glial cells of the brain, Sertoli cells of testis, and beta islet cells of the pancreas.

Tested cultured cell lines: PCL (podocyte cell line), M-1 (cortical collecting duct cells)

References


For further references please see our website.