

Product Name: Nephrin Rabbit Monoclonal Antibody
Catalog #: AMRe86830



Summary

Production Name	Nephrin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Nephrin
Alternative Names	CNF; NPHN; nephrin
Gene ID	4868
SwissProt ID	O60500.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:1000 IP: 1:20-1:50
Molecular Weight	Calculated MW:135 kDa; Observed MW:200 kDa

Background

This gene encodes a member of the immunoglobulin family of cell adhesion molecules that functions in the glomerular

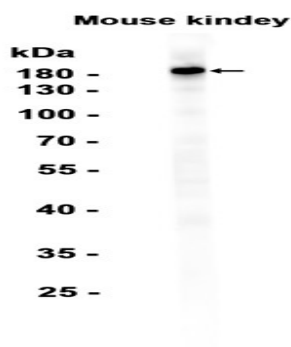
Product Name: Nephrin Rabbit Monoclonal Antibody
Catalog #: AMRe86830



filtration barrier in the kidney. The gene is primarily expressed in renal tissues, and the protein is a type-1 transmembrane protein found at the slit diaphragm of glomerular podocytes. The slit diaphragm is thought to function as an ultrafilter to exclude albumin and other plasma macromolecules in the formation of urine. Mutations in this gene result in Finnish-type congenital nephrosis 1, characterized by severe proteinuria and loss of the slit diaphragm and foot processes.[provided by RefSeq, Oct 2009]

Research Area

Image Data



Western blot analysis of extracts from Mouse kidney tissue using AMRe86830 at 1:1000.

Note

For research use only.