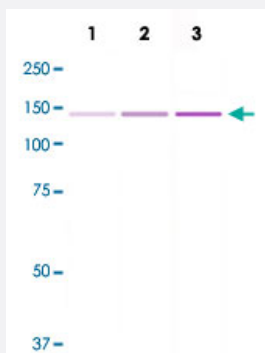


NPHS1 monoclonal antibody, clone G17-H

Catalog # MAB15906 Size 50 uL

Applications



Western Blot (Recombinant protein)

Western Blot analysis of NPHS1 recombinant protein (Lane 1: 50 ng, Lane 2: 100 ng and Lane 3: 200 ng) with NPHS1 monoclonal antibody, clone G17-H (Cat # MAB15906).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NPHS1.
Immunogen	A synthetic peptide corresponding to amino acids 53-101 at C-terminus of the first Ig-like domain of human NPHS1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Isotype	IgG
Recommend Usage	ELISA (1:20000-1:50000) Immunoprecipitation Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western Blot analysis of NPHS1 recombinant protein (Lane 1: 50 ng, Lane 2: 100 ng and Lane 3: 200 ng) with NPHS1 monoclonal antibody, clone G17-H (Cat # MAB15906).

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NPHS1

Entrez GeneID [4868](#)

Protein Accession# [O60500](#)

Gene Name NPHS1

Gene Alias CNF, NPHN

Gene Description nephrosis 1, congenital, Finnish type (nephrin)

Omim ID [256300](#) [602716](#)

Gene Ontology [Hyperlink](#)

Gene Summary Nephrin is a kidney glomerular filtration barrier protein that is an essential component of the interpodocyte-spanning slit diaphragm. Mutations in the nephrin gene are associated with congenital nephrotic syndrome (NPHS1; MIM 256300).[supplied by OMIM]

Other Designations nephrin|renal glomerulus-specific cell adhesion receptor

Disease

- [Cardiovascular Diseases](#)

- [Chronic Disease](#)

- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hematuria](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Proteinuria](#)