

Rabbit anti-Mouse NPHS1 Polyclonal Antibody | anti-NPHS1 antibody

NPHS1 Polyclonal Antibody

CATALOG # AAA174481	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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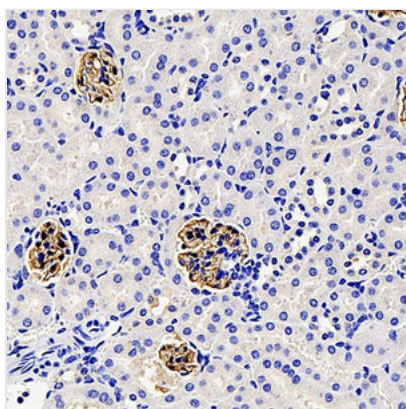
PRODUCT SYNONYMS

NPHS1; Polyclonal Antibody; NPHS1 Polyclonal Antibody; CNF; Nephtrin; Nephrosis 1 congenital Finnish type; Nephrosis 1; congenital; Finnish type (nephtrin); NPHN; NPHS 1; Nphs1; Renal glomerulus specific cell adhesion receptor; Renal glomerulus-specific cell adhesion receptor; anti-NPHS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 ug/ml BSA and 50% glycerol.
Sequence Length	1,242
Applicable Applications for anti-NPHS1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Nephtrin
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using NPHS1 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-NPHS1 antibody	This gene encodes a member of the immunoglobulin family of cell adhesion molecules that functions in the glomerular 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.In Western blots, nephrin antibodies generated against the two terminal extracellular Ig domains of recombinant human nephrin recognized a 180-kDa protein in lysates of human glomeruli and a 150-kDa protein in transfected COS-7 cell lysates.
Product Categories/Family for anti-NPHS1 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	120586997
NCBI GeneID	54631
NCBI Accession #	NP_062332.2
NCBI GenBank Nucleotide #	NM_019459.2
UniProt Accession #	Q9QZS7; Q811S5; Q925S5; Q9ESC6; Q9ET59; Q9JIX1; D2KXA7
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	nephrosis 1, nephrin
NCBI Official Symbol	Nphs1
NCBI Official Synonym Symbols	nephrin; NephrinB
NCBI Protein Information	nephrin
UniProt Protein Name	Nephrin
UniProt Gene Name	Nphs1
UniProt Synonym Gene Names	Nphn

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nphs1-antibody-immunohistochemistry-elisa/174481>