

Rabbit Nephrin Polyclonal Antibody | anti-NPHN antibody

Polyclonal Antibody to Nephrin (NPHN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142714	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Nephrin; Polyclonal Antibody; Polyclonal Antibody to Nephrin (NPHN); anti-NPHN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NPHN. It has been selected for its ability to recognize NPHN in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE FELRRQ-PAS VPRGFWALPE NLTVEGASV ELRCGVSTPG SAVQWAKDGL LLGPDPRIPG FPRYRLEGDP ARGEFHLHIE ACDLSDDAEY ECQVGRSEMG PELVSPRVIL SILVPPKLLL LTPEAGTMVT WVAGQEYVNV CVSGDAKPAP DITLLSGQT ISDISANVNE GSQQLFTVE ATARVTPRSS DNRQLLVCEA S
Sequence Length	1241
Applicable Applications for anti-NPHN antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	NPHN (Pro27~Val234)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse, Rat
Conjugate	No Conjugate
Immunogen	Recombinant NPHN (Pro27~Val234) expressed in E. coli.
Conjugated Antibody	The Cy3 conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Kidney lysate; Primary Ab: 1ug/ml Rabbit Anti-Human NPHN
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758822
NCBI GeneID	4868
NCBI Accession #	NP_004637.1
NCBI GenBank Nucleotide #	NM_004646.3
UniProt Accession #	O60500; A6NDH2; C3RX61
Molecular Weight	130,546 Da
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	NPHS1, nephrin
NCBI Official Symbol	NPHS1
NCBI Official Synonym Symbols	CNF; NPHN; nephrin
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://stage.aaabiotech.com/polyclonal/nephrin-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142714>