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### Overview

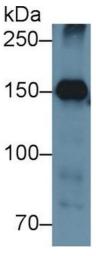
Quantity:	100 μL
Target:	Nephrin (NPHS1)
Binding Specificity:	AA 27-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nephrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# **Product Details**

Purpose:	Polyclonal Antibody to Nephrin (NPHN)
Immunogen:	Recombinant Nephrin (NPHN) corresdonding to Pro27~Val234 with N-terminal His Tag
Isotype:	IgG
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.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

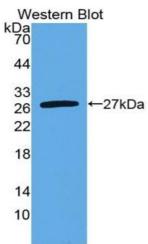
# **Target Details**

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Target:	Nephrin (NPHS1)
Alternative Name:	Nephrin (NPHS1 Products)
Background:	NPHS1, CNF, Nephrosis 1, Congenital Finnish Type, Renal glomerulus-specific cell adhesion receptor
Pathways:	Regulation of Actin Filament Polymerization, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	1:500-2000 Immunohistochemistry: 5-20 µg/mL
	1:50-200 Immunocytochemistry: 5-20 µg/mL
	1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



# **Western Blotting**

**Image 1.** Detection of NPHN in Mouse Kidney lysate using Polyclonal Antibody to Nephrin (NPHN)



# **Western Blotting**

Image 2. Detection of Recombinant NPHN, Human using Polyclonal Antibody to Nephrin (NPHN)



# **Immunohistochemistry**

Image 3. #VALUE!

Please check the product details page for more images. Overall 4 images are available for ABIN7442111.