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Datasheet for ABIN7432922

anti-Podocin antibody (AA 222-372)

2 Images

Overview

Quantity:	100 µL
Target:	Podocin (NPHS2)
Binding Specificity:	AA 222-372
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Podocin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Podocin (PDCN)
Immunogen:	Recombinant Podocin (PDCN) corresponding to Met222~Pro372 (Accession # Q9NP85)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDCN. It has been selected for its ability to recognize PDCN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

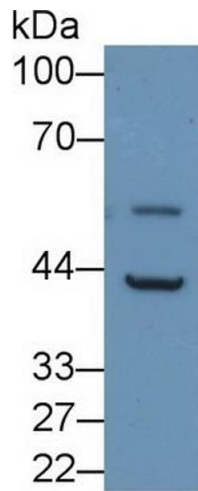
Target:	Podocin (NPHS2)
Alternative Name:	Podocin (NPHS2 Products)
Background:	NPHS2, NPHS-2, Nephrosis 2, Idiopathic Steroid-Resistant

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL 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

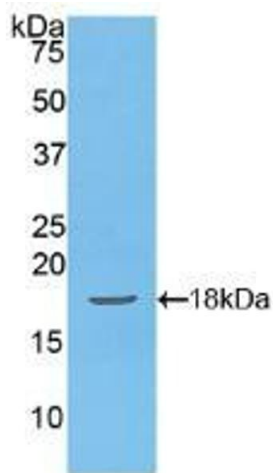
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 PDCN in Porcine Kidney lysate using Polyclonal Antibody to Podocin (PDCN)



Western Blotting

Image 2. Detection of Recombinant PDCN, Human using Polyclonal Antibody to Podocin (PDCN)