

Rabbit Anti-Mouse Podocin (PDCN) Polyclonal Antibody

Cat. No.: VD3N38

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse podocin. It is purified by Protein A Purified . It can be applied to WB, IHC, ICC and IP assays of mouse podocin.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N536
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Podocin
Isotype	IgG
Immunogen	Recombinant protein of mouse podocin
Purification	Protein A Purified
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse Podocin is an essential slit-diaphragm protein localized at the foot processes of glomerular podocytes. It forms scaffolds with nephrin and CD2AP, anchoring the filtration barrier to the actin cytoskeleton and maintaining selective permeability. Mutations or I

loss of podocin disrupt barrier integrity, leading to proteinuria and nephrotic syndrome. Its expression is highly podocyte-specific, making it a key marker for glomerular identity and a prime target for investigating kidney development, filtration biology, and podocyte-related diseases.

Target	Mouse Podocin
Target Synonym	NPHS2; NPHS-2; Nephrosis 2; Idiopathic Steroid-Resistant
Gene ID	170484
UniProt ID	Q91X05

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.