Datasheet for ABIN630292

anti-PODXL antibody (N-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	PODXL
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PODXL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PODXL antibody was raised using the N terminal of PODXL corresponding to a region with amino acids TTTVATSTATAKPNTTSSQNGAEDTTNSGGKSSHSVTTDLTSTKAEHLTT
Specificity:	PODXL antibody was raised against the N terminal of PODXL
Purification:	Purified

Target Details

Target:	PODXL
Alternative Name:	PODXL
Background:	PODXL is a member of the sialomucin protein family. PODXL was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement

Target Details

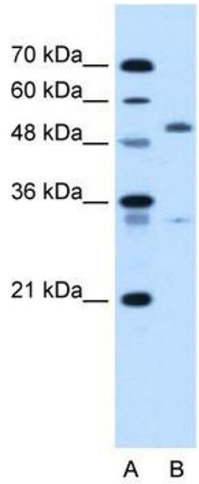
	membrane. Other biological activities of PODXL include: binding in a membrane protein complex with Na+/H+ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoetic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.
Molecular Weight:	53 kDa (MW of target protein)
Pathways:	Tube Formation

Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PODXL Blocking Peptide, (ABIN5615448), is also available for use as a blocking control in assays to test for specificity of this PODXL antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PODXL antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PODXL antibody used at 5 ug/ml to detect target protein.