antibodies - online.com







anti-PODXL antibody (AA 32-458)



Images



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Quantity:	100 μg
Target:	PODXL
Binding Specificity:	AA 32-458
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PODXL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Podocalyxin protein (32-458AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PODXL	
Alternative Name:	PODXL (PODXL Products)	
Background:	Background: Involved in the regulation of both adhesion and cell morphology and cancer	
	progression. Function as an anti-adhesive molecule that maintains an open filtration pathway	

between neighboring foot processes in the podocyte by charge repulsion. Acts as a proadhesive molecule, enhancing the adherence of cells to immobilized ligands, increasing the rate
of migration and cell-cell contacts in an integrin-dependent manner. Induces the formation of
apical actin-dependent microvilli. Involved in the formation of a preapical plasma membrane
subdomain to set up inital epithelial polarization and the apical lumen formation during renal
tubulogenesis. Plays a role in cancer development and aggressiveness by inducing cell
migration and invasion through its interaction with the actin-binding protein EZR. Affects EZRdependent signaling events, leading to increased activities of the MAPK and PI3K pathways in
cancer cells.

Aliases: GCTM-2 antigen antibody, Gp2 antibody, Gp200 antibody, MGC138240 antibody, PC antibody, PCLP antibody, PCLP-1 antibody, PCLP1 antibody, Pcx antibody, Podocalyxin antibody, Podocalyxin like antibody, Podocalyxin like protein antibody, Podocalyxin-like protein 1 antibody, Podxl antibody, PODXL_HUMAN antibody

UniProt: 000592

Pathways: Tube Formation

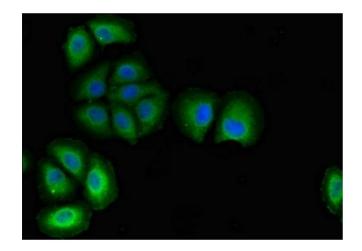
Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

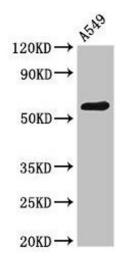
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



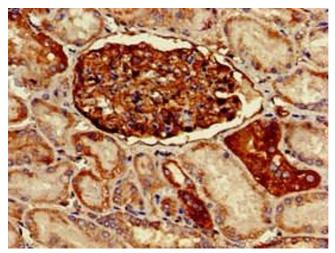
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7163724 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: PODXL antibody at 2.6 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59, 56 kDa Observed band size: 59 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7163724 at dilution of 1:100

Please check the product details page for more images. Overall 5 images are available for ABIN7163724.