

Datasheet for ABIN1537294  
**anti-PODXL antibody (C-Term)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | PODXL                                |
| Binding Specificity: | AA 410-439, C-Term                   |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This PODXL antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|               |                                                                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This PODXL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 410-439 amino acids from the C-terminal region of human PODXL. |
| Clone:        | RB39374                                                                                                                                                                |
| Isotype:      | Ig Fraction                                                                                                                                                            |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                       |

## Target Details

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Target:           | PODXL                                                                                |
| Alternative Name: | PODXL ( <a href="#">PODXL Products</a> )                                             |
| Background:       | This gene encodes a member of the sialomucin protein family. The encoded protein was |

## Target Details

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 membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na<sup>+</sup>/H<sup>+</sup> exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

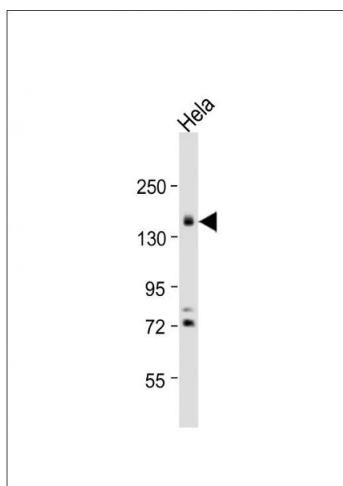
|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Molecular Weight: | 58635                                                    |
| Gene ID:          | 5420                                                     |
| NCBI Accession:   | <a href="#">NP_001018121</a> , <a href="#">NP_005388</a> |
| UniProt:          | <a href="#">O00592</a>                                   |
| Pathways:         | <a href="#">Tube Formation</a>                           |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB: 1:1000            |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.                                           |
| 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:   | PODXL Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.       |
| Expiry Date:       | 6 months                                                                                                               |



#### Western Blotting

**Image 1.** Anti-PODXL Antibody (C-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 59 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.