

# PODXL Polyclonal Antibody

Catalog Number:D-AB-10420L



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human PODXL protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,50% glycerol pH 7.4

## Applications Recommended Dilution

<b>WB</b>	1:250-1:500
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## Data



Western blot with PODXL Polyclonal antibody at dilution of 1:500.lane 1:Hela whole cell lysate,lane 2:Raji whole cell lysate,lane 3:HepG2 whole cell lysate.

**Observed Mw:160kDa**

**Calculated Mw:55kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Podocalyxin,also known as podocalyxin-like protein 1 (PODXL or PCLP1),is a transmembrane glycoprotein belonging to the CD34 family of sialomucins. Podocalyxin was originally identified as the major sialoprotein on podocytes of the kidney glomerulus,but was later found to be expressed on vascular endothelial cells and early hematopoietic progenitors. It involved in the regulation of both adhesion and cell morphology. In addition,podocalyxin is highly expressed in embryonic stem cells and aberrant expression of podocalyxin has been implicated in a wide range of cancers. Podocalyxin is a protein with a peptide bone of ~55.5 kDa that undergoes a post-translational glycosylation,the different molecular mass of podocalyxin indicates the extent and variability of glycosylation patterns

## For Research Use Only

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