PODXL Polyclonal Antibody

catalog number: **D-AB-10420L**

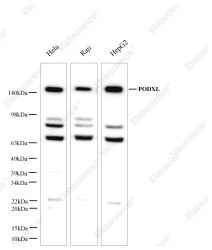
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human PODXL protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:250-1:500

Data



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

Observed-MW:160 kDa

Calculated-MW:55 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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

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