



# Anti-PODXL (C-terminal) polyclonal antibody (DPAB-DC2305)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the sialomucin protein family. The encoded protein 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 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.
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_001018121.1 and NP_005388.2).
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human PODXL. The sequence is C-DNLTKDDLDEEEDTH
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PODXL podocalyxin-like [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PODXL
<b>Synonyms</b>	PODXL; podocalyxin-like; PC; PCLP; Gp200; PCLP-1; podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1;
<b>Entrez Gene ID</b>	<a href="#">5420</a>
<b>Protein Refseq</b>	<a href="#">NP_001018121</a>
<b>UniProt ID</b>	<a href="#">O00592</a>
<b>Chromosome Location</b>	7q32-q33
<b>Function</b>	protein binding;