



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

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

PRODUCT INFORMATION

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

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

GENE INFORMATION

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