

## Goat anti-PODXL Antibody

<b>Item Number</b>	dAP-1108
<b>Target Molecule</b>	Principle Name: PODXL; Official Symbol: PODXL; All Names and Symbols: PODXL; podocalyxin-like; Gp200; MGC138240; PCLP; Accession Number (s): NP_001018121.1 ; NP_005388.2; Human Gene ID(s): 5420; Non-Human GeneID(s): 27205 (mouse) 192181 (rat)
<b>Immunogen</b>	DNLTKDDLDEEEDTH, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_001018121.1 and NP_005388.2).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 160kDa band observed in Human, Mouse and Rat Kidney lysates (calculated MW of 58.6kDa according to NP_001018121.1 and 55.4kDa according to NP_005388.2). The observed molecular weight corresponds to earlier findings in literature with
<b>IHC</b>	
<b>Reference</b>	Reference(s): Nielsen JS, Graves ML, Chelliah S, Vogl AW, Roskelley CD, McNagny KM. The CD34-Related Molecule Podocalyxin Is a Potent Inducer of Microvillus Formation. PLoS ONE. 2007 Feb 21;2:e237. .PMID: 17311105 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**