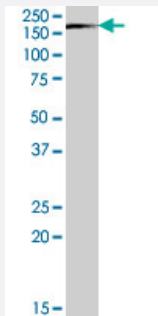


PODXL polyclonal antibody

Catalog # PAB7292 Size 100 ug

Applications



Western Blot (Tissue lysate)

PODXL polyclonal antibody (Cat # PAB7292) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PODXL.
Immunogen	A synthetic peptide corresponding to C-terminus of human PODXL.
Sequence	C-DNLTKDDLDEEEDTH
Host	Goat
Theoretical MW (kDa)	160, 58.6, 55.4
Reactivity	Human, Mouse, Rat
Specificity	This antibody is expected to recognize both reported isoforms (NP_001018121.1 and NP_005388.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:8000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

PODXL polyclonal antibody (Cat # PAB7292) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PODXL

Entrez GeneID	5420
Protein Accession#	NP_001018121.1;NP_005388.2
Gene Name	PODXL
Gene Alias	Gp200, MGC138240, PC, PCLP
Gene Description	podocalyxin-like
Omim ID	602632
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Publication Reference

- [The CD34-related molecule podocalyxin is a potent inducer of microvillus formation.](#)

Nielsen JS, Graves ML, Chelliah S, Vogl AW, Roskelley CD, McNagny KM.

PLoS One 2007 Feb; 2(2):e237.

Application: IF, Human, Dog, MCF-7, MDCK cells

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)