

Datasheet

PODXL polyclonal antibody (DyLight 549)

Catalog Number: PAB15298

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of PODXL.

Immunogen: A synthetic peptide corresponding to amino acids 350-450 of human PODXL.

Host: Rabbit

Reactivity: Human

Applications: WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: 80% sequence identity with canine, 76% sequence identity with rat, and 70% sequence identity with mouse proteins. This antibody can be used for Western blot analysis. There is also a strong non-specific band at ~27 KDa.

Form: Liquid

Conjugation: DyLight 549

Recommend Usage: Western Blot (2 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In 50 mM sodium borate

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 5420

Gene Symbol: PODXL

Gene Alias: Gp200, MGC138240, PC, PCLP

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]