

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PODXL RABBIT PAB**

Cat.#: S220169

**Product Name:** Anti-PODXL Rabbit Polyclonal Antibody

Synonyms: PC, PCLP, Gp200, PCLP-1

UNIPROT ID: 000592 (Gene Accession - NP\_005388)

**Background:** 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 hematopoetic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

Immunogen: Synthetic peptide of human PODXL

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

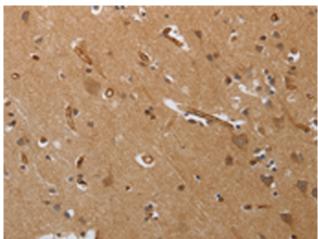
glycerol

Research Areas: Signal Transduction, Cancer, Cardiovascular, Stem Cells Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

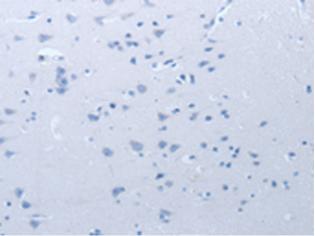


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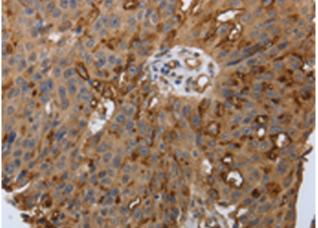
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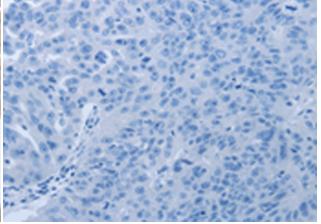
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220169(PODXL Antibody) at a dilution of 1/20(Cytoplasm, Apical Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220169(Anti-PODXL Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 220169(Anti-PODXL Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D261076 (Anti-PODXL Antibody) at dilution 1/20.