

## PKD2 RABBIT PAB

**Cat.#:** S213937

**Product Name:** Anti-PKD2 Rabbit Polyclonal Antibody

**Synonyms:** PC2, PKD4, Pc-2, APKD2, TRPP2

**UNIPROT ID:** Q13563 (Gene Accession - NP\_000288 )

**Background:** This gene encodes a member of the polycystin protein family. The encoded protein is a multi-pass membrane protein that functions as a calcium permeable cation channel, and is involved in calcium transport and calcium signaling in renal epithelial cells. This protein interacts with polycystin 1, and they may be partners in a common signaling cascade involved in tubular morphogenesis. Mutations in this gene are associated with autosomal dominant polycystic kidney disease type 2.

**Immunogen:** Synthetic peptide of human PKD2

**Applications:** ELISA, IHC

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

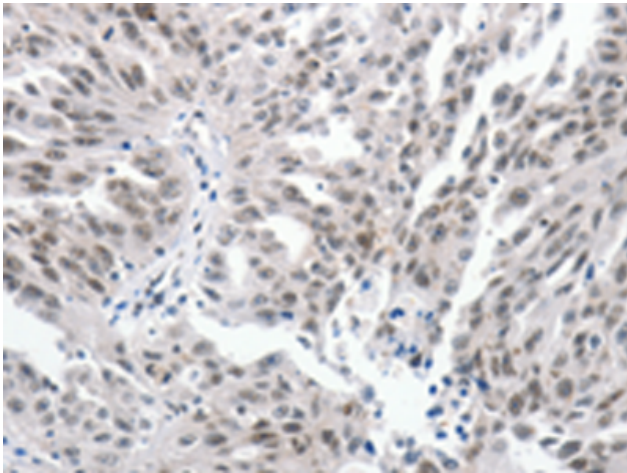
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

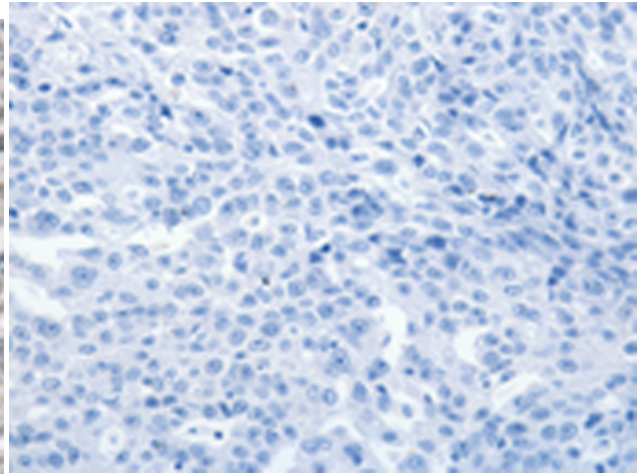
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Signal Transduction

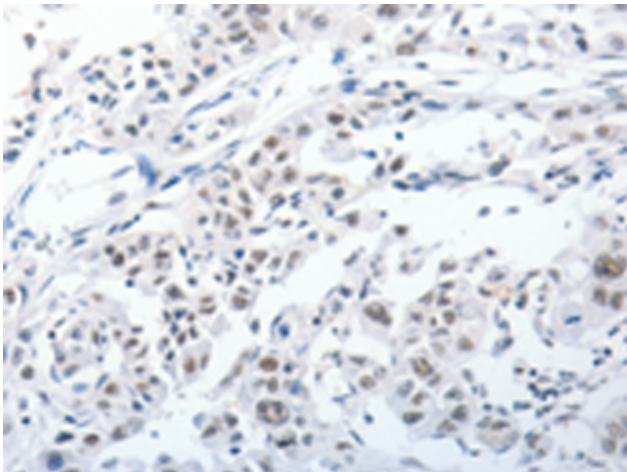
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



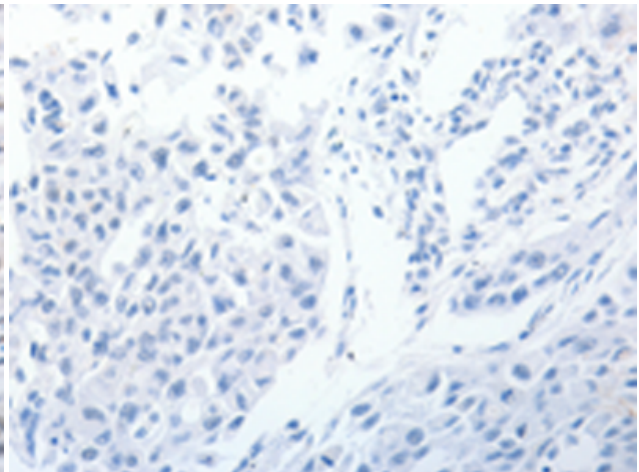
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 213937(PKD2 Antibody) at a dilution of 1/25(Cytoplasm, Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 213937(Anti-PKD2 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 213937(Anti-PKD2 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D161084(Anti-PKD2 Antibody) at dilution 1/25.