

# PKD2L2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18670c

## Product Information

---

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB, E                       |
| Primary Accession | <a href="#">Q9NZM6</a>      |
| Other Accession   | <a href="#">NP_055201.2</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Clone Names       | RB38332                     |
| Calculated MW     | 73790                       |
| Antigen Region    | 193-219                     |

## Additional Information

---

|                    |                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 27039                                                                                                                                                                        |
| Other Names        | Polycystic kidney disease 2-like 2 protein, Polycystin-2L2, Polycystin-L2, PKD2L2                                                                                            |
| Target/Specificity | This PKD2L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-219 amino acids from the Central region of human PKD2L2.        |
| Dilution           | WB~~1:1000 E~~Use at an assay dependent concentration.                                                                                                                       |
| Format             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| Precautions        | PKD2L2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                   |

## Protein Information

---

|          |                                                                         |
|----------|-------------------------------------------------------------------------|
| Name     | PKD2L2 ( <a href="#">HGNC:9012</a> )                                    |
| Synonyms | TRPP5                                                                   |
| Function | Exhibits a lower single conductance but no spontaneous channel activity |

(PubMed:[16883570](#)). May function as a regulator of calcium channels or a channel component involving Ca<sup>2+</sup> homeostasis (By similarity).

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| <b>Cellular Location</b> | Membrane {ECO:0000250 UniProtKB:Q9JLG4}; Multi- pass membrane protein                            |
| <b>Tissue Location</b>   | Expressed only in testis (PubMed:10602361). Expressed also in brain and kidney (PubMed:10756092) |

## Background

---

PKD2L2 may function as a subunit of a cation channel and play a role in fertilization.

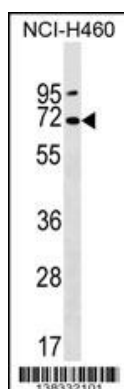
## References

---

Li, Q., et al. FEBS Lett. 516 (1-3), 270-278 (2002) :  
Stayner, C., et al. Trends Pharmacol. Sci. 22(11):543-546(2001)  
Guo, L., et al. Genomics 64(3):241-251(2000)  
Veldhuisen, B., et al. Eur. J. Hum. Genet. 7(8):860-872(1999)

## Images

---



PKD2L2 Antibody (Center) (Cat. #AP18670c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PKD2L2 antibody detected the PKD2L2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.