

## Rabbit anti-Human PKD1L1 Polyclonal Antibody | anti-PKD1L1 antibody

PKD1L1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA233665 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

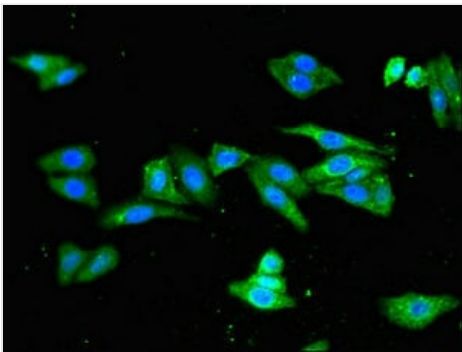
### PRODUCT SYNONYMS

PKD1L1; Polyclonal Antibody; PKD1L1 Antibody; Polycystic kidney disease protein 1-like 1; PC1-like 1 protein; Polycystin-1L1; UNQ5785/PRO19563; anti-PKD1L1 antibody

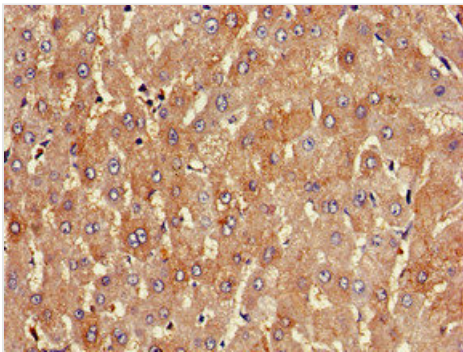
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                   |
|--------------------------------------------------|-----------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                            |
| Reactivity                                       | Human                                                                             |
| Clonality                                        | Polyclonal                                                                        |
| Isotype                                          | IgG                                                                               |
| Purity/Purification                              | >95%, Protein G purified                                                          |
| Form/Format                                      | Liquid                                                                            |
| Sequence Length                                  | 2849                                                                              |
| Applicable Applications for anti-PKD1L1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                        |
| Immunogen                                        | Recombinant Human Polycystic kidney disease protein 1-like 1 protein (921-1164AA) |
| Conjugation                                      | Non-conjugated                                                                    |
| Buffer                                           | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  |
| immunogen Species                                | Homo sapiens (Human)                                                              |
| Research Area                                    | Others                                                                            |
| Target Names                                     | PKD1L1                                                                            |
| Preparation and Storage                          | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                     |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescent analysis of HepG2 cells using AAA233665 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human liver tissue using AAA233665 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PKD1L1 antibody | Component of a ciliary calcium channel that controls calcium concentration within primary cilia without affecting cytoplasmic calcium concentration. Forms a heterodimer with PKD2L1 in primary cilia and forms a calcium-permeant ciliary channel that regulates sonic hedgehog/SHH signaling and GLI2 transcription. Does not constitute the pore-forming subunit. Also involved in left/right axis specification downstream of nodal flow: forms a complex with PKD2 in cilia to facilitate flow detection in left/right patterning. |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| NCBI GI #                        | 19923084                                                              |
| NCBI GeneID                      | 168507                                                                |
| NCBI Accession #                 | NP_612152.1                                                           |
| NCBI GenBank Nucleotide #        | NM_138295.4                                                           |
| UniProt Accession #              | Q8TDX9; Q6UWK1                                                        |
| NCBI Official Full Name          | polycystic kidney disease protein 1-like 1                            |
| NCBI Official Synonym Full Names | polycystin 1 like 1, transient receptor potential channel interacting |
| NCBI Official Symbol             | PKD1L1                                                                |
| NCBI Official Synonym Symbols    | HTX8; PRO19563                                                        |
| NCBI Protein Information         | polycystic kidney disease protein 1-like 1                            |
| UniProt Protein Name             | Polycystic kidney disease protein 1-like 1                            |
| UniProt Gene Name                | PKD1L1                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pkd1l1-antibody-immunofluorescence-immunohistochemistry-elisa/233665>