

## Rabbit Anti-PKD1L3/AP Conjugated antibody

SL11622R-AP

<b>Product Name</b>	Anti-PKD1L3/AP
<b>Chinese Name</b>	碱性磷酸酶（AP）标记的多囊肾蛋白 1 样 3 抗体
<b>Alias</b>	PC1 like 3 protein; Polycystic kidney disease 1 like 3; Polycystic kidney disease protein 1 like 3; Polycystin 1 like 3; Polycystin 1L3;PK1L3_HUMAN.
<b>Research Area</b>	Neurobiology Channel protein The cell membrane 受体
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	193kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human PKD1L3
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> Polycystin-1L3 is a 1,732 amino acid multi-pass membrane protein that contains one PLAT domain, one GPS domain and one C-type lectin domain. Expressed at high levels in placenta and present at lower levels in lung and heart, Polycystin-1L3 is thought to function as an ion-channel regulator that may interact with Polycystin-L and play a role in heteromeric taste channels. The gene encoding Polycystin-1L3 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The

GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

**Function:**

PKD1L3 belongs to the polycystin family. It may function as an ion-channel regulator and may function with PKD2L1 as heteromeric taste channels.

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Highly expressed in placenta, weakly in heart and lung.

**Similarity:**

Belongs to the polycystin family.

Contains 1 C-type lectin domain.

Contains 1 GPS domain.

Contains 1 PLAT domain.

**Database links:**

[Entrez Gene: 342372](#) Human

[Omicron: 607895](#) Human

[SwissProt: Q7Z443](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.