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Rabbit Anti-PKD1L3 antibody

SL11622R

Product Name:	PKD1L3
Chinese Name:	多囊肾蛋白1样3抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	193kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PKD1L3:121-220/1732<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

SWISS:
Q7Z443

Gene ID:
342372

Database links:

Entrez Gene: 342372Human

Omim: 607895Human

SwissProt: Q7Z443Human

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