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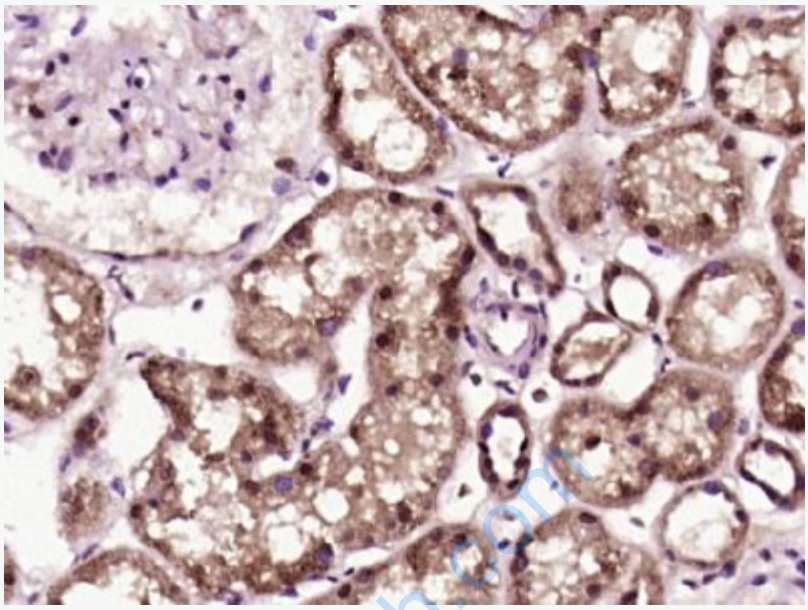
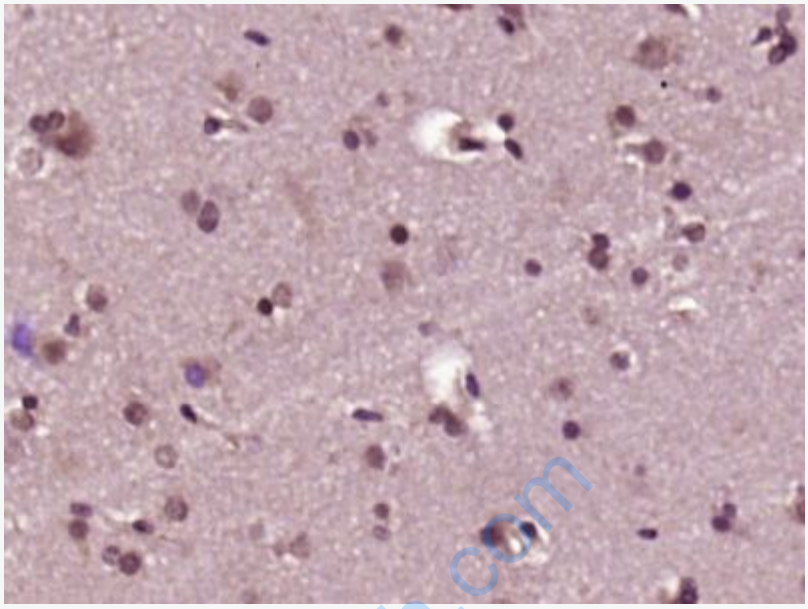
Rabbit Anti-PKD1L2 antibody

SL12691R

Product Name:	PKD1L2
Chinese Name:	多囊肾蛋白1样蛋白2抗体
Alias:	PC1 like 2 protein; PC1-like 2 protein; PK1L2_HUMAN; PKD1L 2; Pkd1l2; Polycystic kidney disease 1 like protein 2; Polycystic kidney disease 1-like protein 2; Polycystic kidney disease protein 1-like 2; Polycystin 1 like 2; Polycystin-1L2.
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:	271kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PKD1L2:2351-2459/2459<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:	This gene encodes a member of the polycystin protein family. The encoded protein contains 11 transmembrane domains, a latrophilin/CL-1-like GPCR proteolytic site (GPS) domain, and a polycystin-1, lipoxygenase, alpha-toxin (PLAT) domain. This protein may function as a component of cation channel pores. This gene appears to be a

	polymorphic pseudogene in humans, where some individuals contain a non-functional allele. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014] **Function:** May function as an ion-channel regulator. May function as a G-protein-coupled receptor. **Subunit:** May interact via its C-terminus with GNAS and GNAI1. **Tissue Specificity:** Expressed in all tissues tested including brain, placenta, mammary gland, testis, lung and liver. Highest expression in skeletal muscle. Isoform 2 is expressed in heart and kidney. **Similarity:** Belongs to the polycystin family. Contains 1 C-type lectin domain. Contains 1 GPS domain. Contains 1 PLAT domain. **SWISS:** Q7Z442 **Gene ID:** 114780 **Database links:** Entrez Gene: 114780 Human Omim: 607894 Human SwissProt: Q7Z442 Human Unigene: 413525 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PKD1L2) Polyclonal Antibody, Unconjugated (SL12691R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PKD1L2) Polyclonal Antibody, Unconjugated (SL12691R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.