

For Research Use Only

Polycystin 1 Polyclonal antibody

Catalog Number: 22263-1-AP



Basic Information

Catalog Number: 22263-1-AP	GenBank Accession Number: NM_000296	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 5310	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P98161	
Isotype: IgG	Full Name: polycystic kidney disease 1 (autosomal dominant)	
	Calculated MW: 463 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver tissue, mouse kidney tissue
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Polycystin 1 (PC1) is also named as PKD1, and Autosomal dominant polycystic kidney disease 1 protein, and belongs to the polycystin family. PKD1 and PKD2 are formed component of a heteromeric calcium-permeable ion channel. PKD1 is considered an orphan, atypical G protein coupled receptor complexed with TRPP2 (Polycystin 2 or PKD2), a Ca²⁺-permeable ion channel (PMID:27214281). PKD1 is involved in renal tubulogenesis (PMID:12482949).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

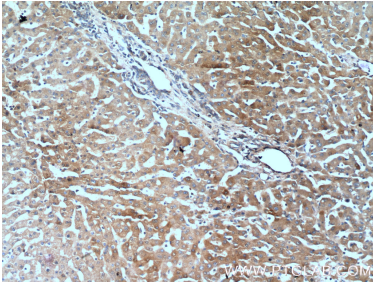
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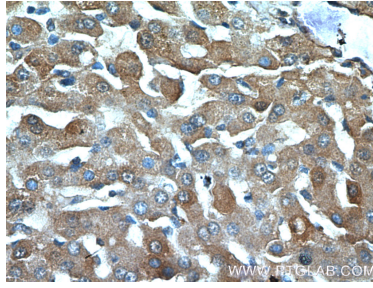
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22263-1-AP (Polycystin 1 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22263-1-AP (Polycystin 1 antibody at dilution of 1:200 (under 40x lens).