

For Research Use Only

PCDH24 Polyclonal antibody

Catalog Number: 27103-1-AP **1 Publications**



Basic Information

Catalog Number: 27103-1-AP	GenBank Accession Number: BC130282	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54825	Recommended Dilutions: WB 1:200-1:1000 IHC 1:2000-1:8000
Source: Rabbit	Full Name: protocadherin 24	
Isotype: IgG	Calculated MW: 1310 aa, 142 kDa	
Immunogen Catalog Number: AG25840	Observed MW: 140-150 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse liver tissue,
Cited Applications: IHC, WB	IHC : human kidney tissue, human liver tissue, human small intestine tissue, mouse small intestine tissue
Species Specificity: human, mouse	
Cited Species: human	

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

Protocadherin-24 (PCDH24, also known as CDHR2 and protocadherin LKC) was originally identified as a novel member of the human non-classical cadherin family. PCDH24 may play a role in cell-cell adhesion and contact inhibition in epithelial cells. PCDH24 expression is markedly reduced in cancers derived from liver and colon tissues, indicating that PCDH24 may play a role as a tumor suppressor protein (PMID: 23115611). The calculated molecular weight of PCDH24 is 142 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Xuechao Li	34532265	Transl Androl Urol	WB,IHC

Storage

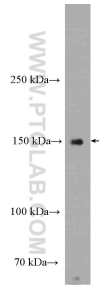
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

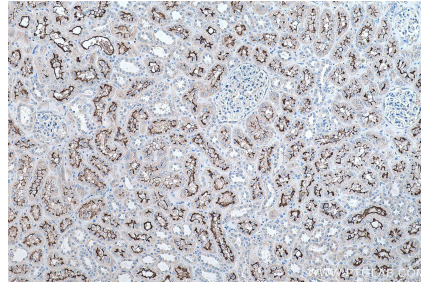
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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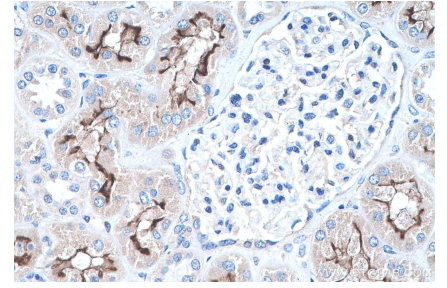
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 27103-1-AP (PCDH24 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27103-1-AP (PCDH24 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27103-1-AP (PCDH24 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).