

# MAP17 / PDZK1IP1 Polyclonal antibody

Catalog Number: 12518-1-AP

## Basic Information

<b>Catalog Number:</b> 12518-1-AP	<b>GenBank Accession Number:</b> BC012303	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 280 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10158	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13113	
<b>Isotype:</b> IgG	<b>Full Name:</b> PDZK1 interacting protein 1	
<b>Immunogen Catalog Number:</b> AG3206	<b>Calculated MW:</b> 114 aa, 12 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>IHC :</b> human kidney tissue, <b>IF/ICC :</b> PC-3 cells,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

PDZK1-interacting protein 1(PDZK1IP1), also known as MAP17, is a membrane-associated protein. MAP17 / PDZK1IP1 is overexpressed in a variety of human carcinomas, and overexpression of MAP17 / PDZK1IP1 protein is strongly correlated with the progression of prostate and ovarian carcinomas (PMID: 17426052). MAP17 / PDZK1IP1 has been proven to be an oncogene for tumorigenesis and development of papillary thyroid cancer (PTC) (PMID: 36057192; PMID: 35727731).

## Storage

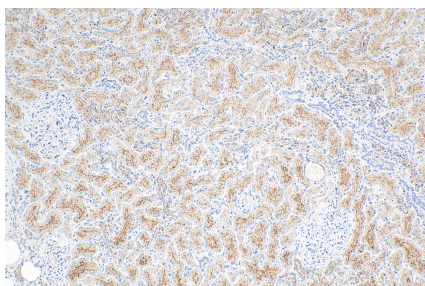
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

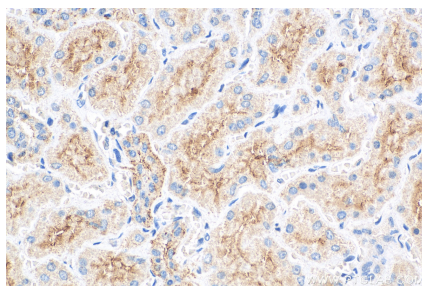
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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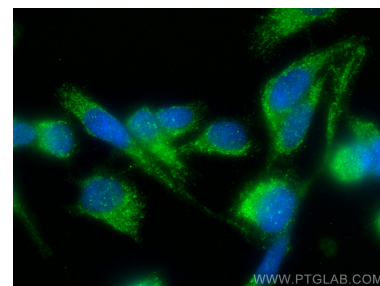
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12518-1-AP (MAP17 / PDZK1IP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12518-1-AP (MAP17 / PDZK1IP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using MAP17 / PDZK1IP1 antibody (12518-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).