

For Research Use Only

MAP17 / PDZK1IP1 Polyclonal antibody

Catalog Number: 12518-1-AP



Basic Information

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

Applications

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|---|---|
| Tested Applications: IHC, IF/ICC, ELISA | Positive Controls: IHC : human kidney tissue, IF/ICC : PC-3 cells, |
| Species Specificity: 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

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

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

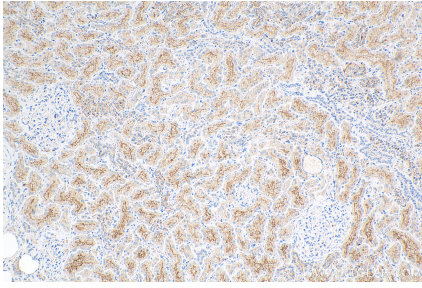
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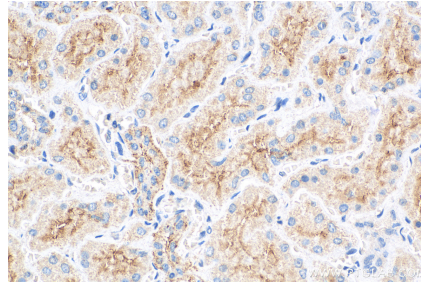
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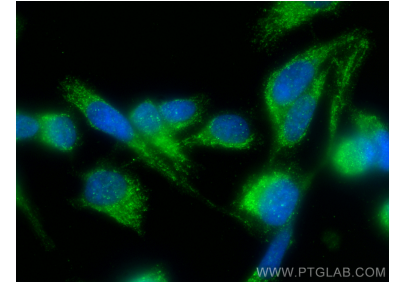
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human 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).