

MAP17 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57206

Specification

MAP17 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q13113
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAP17
Epitope Specificity	51-114/114
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass membrane protein.
SUBUNIT	Interacts with PDZK1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

MAP17 is a 17 kDa membrane-associated protein expressed abundantly in carcinomas arising from kidney, colon, lung, and breast. In normal tissues it is expressed in significant amounts in the kidney.

MAP17 Polyclonal Antibody - Additional Information

Gene ID 10158

Other Names

PDZK1-interacting protein 1, 17 kDa membrane-associated protein, Protein DD96, PDZK1IP1, MAP17

Target/Specificity

Expressed at significant levels only in a single epithelial cell population, the proximal tubular epithelial cells of the kidney. Diffusely expressed in various carcinomas originating from kidney, colon, lung and breast.

Dilution

IHC-P~~N/A
IHC-F~~N/A

="dilution_IF">IF~~1:50~200<br \>ICC~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

MAP17 Polyclonal Antibody - Protein Information

Name PDZK1IP1 ([HGNC:16887](#))

Function

Auxiliary protein of electrogenic Na(+)-coupled sugar symporter SLC5A2/SGLT2 and SLC5A1/SGLT1 (PubMed:34880493, PubMed:37217492, PubMed:38057552). Essential for the transporter activity of SLC5A2/SGLT2 but not SLC5A1/SGLT1 (PubMed:37217492).

Cellular Location

Apical cell membrane; Single-pass membrane protein

MAP17 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAP17 Polyclonal Antibody - Images