

Catalogue No.

AB0437-100

Qty:

300 µg

Anti-MAP17

Source: Goat

General description: Goat polyclonal antibody to MAP17. MAP17, also known as PDZK1-interacting protein 1 (PDZK1IP1), is a small membrane-associated protein of approximately 17 kDa that is highly expressed in epithelial tissues, particularly in the kidney proximal tubules. MAP17 contains a single transmembrane domain and a C-terminal PDZ-binding motif, allowing interaction with PDZ domain-containing scaffold proteins such as PDZK1. The protein has been implicated in membrane transport regulation, sodium-dependent transport processes, and cellular reactive oxygen species (ROS) signaling.

Alternative names: DD96, PDZK1IP, PDZK1 interacting protein 1, SPAP antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 47 aa to the C-terminus of human MAP17 produced in E. coli.

Specificity: Detects MAP17 protein by Western blot.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Human	+++	ND	ND	ND	ND	ND
Rat	+++	ND	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND	ND

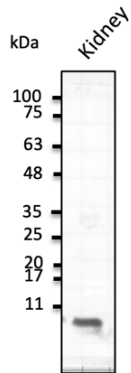
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,500

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



MAP17 protein detected with AB0437 at 1:2,000 dilution; lysates at 50 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.