

Claudin-17 Polyclonal Antibody
Catalog # AP73319**Specification**

Claudin-17 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P56750
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Claudin-17 Polyclonal Antibody - Additional Information**Gene ID** 26285**Other Names**

CLDN17; Claudin-17

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Claudin-17 Polyclonal Antibody - Protein Information**Name** CLDN17**Function**

Channel-forming tight junction protein with selectivity for anions, including chloride and hydrogencarbonate, and for solutes smaller than 9 Angstrom in diameter. In the kidney proximal tubule, may be involved in paracellular reabsorption of filtered anions. Does not affect water permeability.

Cellular Location

Cell junction, tight junction. Basolateral cell membrane; Multi-pass membrane protein

Tissue Location

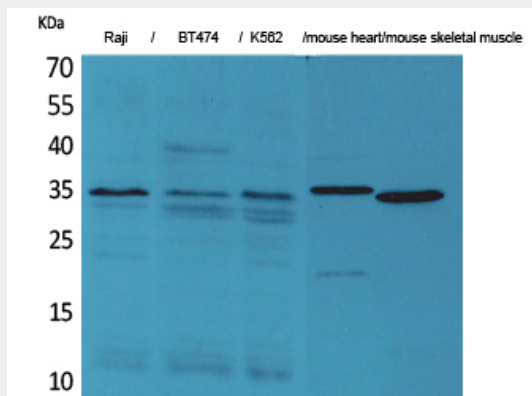
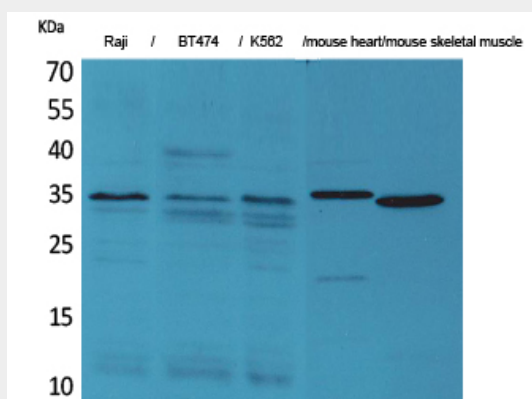
In the kidney, expressed in the proximal tubule and in the Henle's loop. In the distal convoluted tubule, not expressed in all tubules. Not detected in the collecting duct (at protein level)

Claudin-17 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](#)

Claudin-17 Polyclonal Antibody - Images



Claudin-17 Polyclonal Antibody - Background

Channel-forming tight junction protein with selectivity for anions, including chloride and bicarbonate, and for solutes smaller than 9 Angstrom in diameter. In the kidney proximal tubule, may be involved in quantitative reabsorption of filtered anions. Does not affect water permeability.