10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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℃

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

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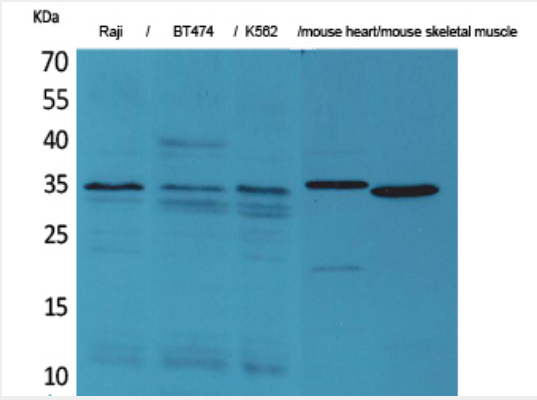
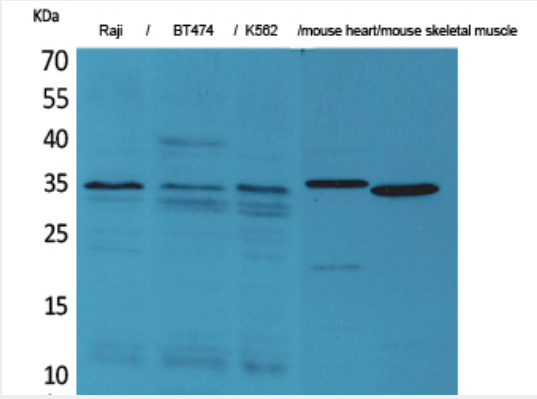
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Claudin-17 Polyclonal Antibody - Images



Western Blot analysis of Raji, BT474, K562, mouse heart, mouse skeletal muscle cells using Claudin-17 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Western Blot analysis of Raji, BT474, K562, mouse heart, mouse skeletal muscle cells using Claudin-17 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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.