

# Anti-Claudin 17 Antibody

Rabbit polyclonal antibody to Claudin 17 Catalog # AP60857

#### **Product Information**

Application WB
Primary Accession P56750
Other Accession Q8BXA6

**Reactivity** Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 24603

### **Additional Information**

**Gene ID** 26285

Other Names Claudin-17

**Target/Specificity** KLH-conjugated synthetic peptide encompassing a sequence within the

C-term region of human Claudin 17. The exact sequence is proprietary.

**Dilution** WB~~WB (1/500 - 1/2000)

**Format** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

**Storage** Store at -20 °C.Stable for 12 months from date of receipt

#### **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

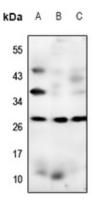
distal convoluted tubule, not expressed in all tubules. Not detected in the

collecting duct (at protein level)

# **Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Claudin 17. The exact sequence is proprietary.

## **Images**



Western blot analysis of Claudin 17 expression in KEK293T (A), PC12 (B), MEF (C) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.