

# CLDN8 Rabbit Polyclonal Antibody



CAB14470

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

Refer to Figures

### Calculated MW:

24kDa

### Applications:

WB

### Reactivity:

Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This protein plays important roles in the paracellular cation barrier of the distal renal tubule, and in the paracellular barrier to prevent sodium back-leakage in distal colon. Differential expression of this gene has been observed in colorectal carcinoma and renal cell tumors, and along with claudin-7, is an immunohistochemical marker for the differential diagnosis of chromophobe renal cell carcinoma and renal oncocytoma.

## Immunogen information

### Gene ID:

9073

### Uniprot

P56748

### Synonyms:

CLDN8; HEL-S-79; claudin-8

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 29-81 of human CLDN8 (NP\_955360.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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