

**Anti-CLDN4 / Claudin 4 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17803****Specification**

---

**Anti-CLDN4 / Claudin 4 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">O14493</a> |
| Predicted         | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 22077                  |

**Anti-CLDN4 / Claudin 4 Antibody - Additional Information****Gene ID** 1364**Alias Symbol** CLDN4**Other Names**

CLDN4, Claudin-4, CPE-receptor, CPETR, CPETR1, Claudin 4, CPE-R, HCPE-R, WBSCR8, CPER

**Target/Specificity**

c-terminal

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-CLDN4 / Claudin 4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CLDN4 / Claudin 4 Antibody - Protein Information****Name** CLDN4**Function**

Channel-forming tight junction protein that mediates paracellular chloride transport in the kidney. Plays a critical role in the paracellular reabsorption of filtered chloride in the kidney collecting ducts. Claudins play a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

**Cellular Location**

Cell junction, tight junction {ECO:0000250|UniProtKB:O35054}. Cell membrane; Multi-pass membrane protein. Note=CLDN4 is required for tight junction localization in the kidney. {ECO:0000250|UniProtKB:O35054}

**Anti-CLDN4 / Claudin 4 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CLDN4 / Claudin 4 Antibody - Images**