

## Rabbit anti-Human CLDN3 Polyclonal Antibody | anti-CLDN3 antibody

CLDN3 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA304494</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

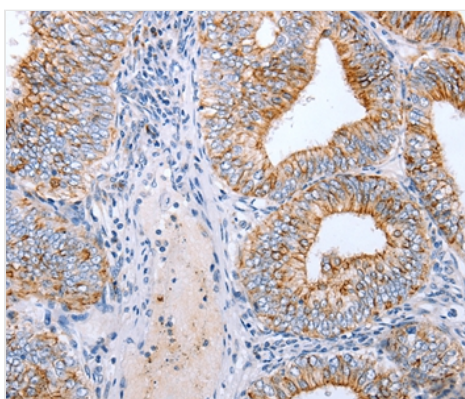
### PRODUCT SYNONYMS

CLDN3; Polyclonal Antibody; CLDN3 Antibody; RVP1; HRVP1; C7orf1; CPE-R2; CPETR2; anti-CLDN3 antibody

### PRODUCT SPECIFICATIONS

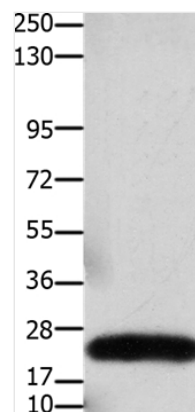
|                                                 |                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                             |
| Reactivity                                      | Human                                                                              |
| Clonality                                       | Polyclonal                                                                         |
| Specificity                                     | The antibody detects endogenous levels of total CLDN3 protein.                     |
| Purity/Purification                             | Antigen affinity purification.                                                     |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                    |
| Concentration                                   | 1.1 mg/ml (varies by lot)                                                          |
| Sequence Length                                 | 220                                                                                |
| Applicable Applications for anti-CLDN3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                      |
| Immunogen Type                                  | Peptide                                                                            |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the C terminal of human claudin 3 |
| Target Name                                     | CLDN3                                                                              |
| Preparation and Storage                         | Store at -20 degree C                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/25.



#### Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human colon cancer tissue Amount of lysate: 30ug per lane Primary antibody: 1/550 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CLDN3 antibody | Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat. |
| Product Categories/Family for anti-CLDN3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4502875                                        |
| NCBI GeneID                      | 1365                                           |
| NCBI Accession #                 | NP_001297.1                                    |
| NCBI GenBank Nucleotide #        | NM_001306.3                                    |
| UniProt Accession #              | O15551                                         |
| Molecular Weight                 | 23,319 Da                                      |
| NCBI Official Full Name          | claudin-3                                      |
| NCBI Official Synonym Full Names | claudin 3                                      |
| NCBI Official Symbol             | CLDN3                                          |
| NCBI Official Synonym Symbols    | RVP1; HRVP1; C7orf1; CPE-R2; CPETR2            |
| NCBI Protein Information         | claudin-3                                      |
| UniProt Protein Name             | Claudin-3                                      |
| UniProt Gene Name                | CLDN3                                          |
| UniProt Synonym Gene Names       | C7orf1; CPETR2; CPE-R 2; CPE-receptor 2; hRVP1 |
| UniProt Entry Name               | CLD3_HUMAN                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cldn3-antibody-immunohistochemistry-western-blot-elisa/304494>