

## Rabbit CLDN3 Polyclonal Antibody | anti-CLDN3 antibody

CLDN3 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166612</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

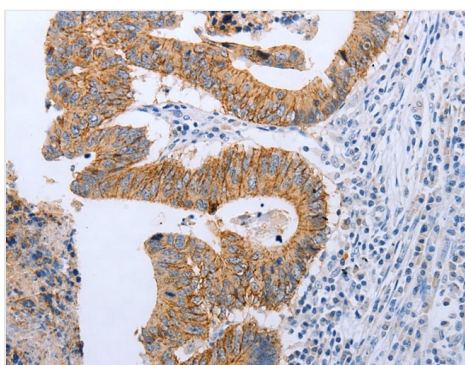
### PRODUCT SYNONYMS

CLDN3; Polyclonal Antibody; CLDN3 Polyclonal Antibody; RVP1; HRVP1; C7orf1; CPE-R2; CPETR3; anti-CLDN3 antibody

### PRODUCT SPECIFICATIONS

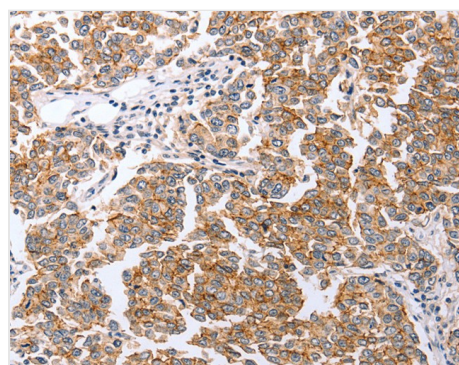
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1.1mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 220                                                                                       |
| Applicable Applications for anti-CLDN3 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human CLDN3                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using CLDN3 Polyclonal Antibody at dilution 1:25



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CLDN3 Polyclonal Antibody at dilution 1:25

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   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502875                                                                                                                                                 |
| NCBI GeneID                      | 1365                                                                                                                                                    |
| NCBI Accession #                 | NP_001297.1                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001306.3                                                                                                                                             |
| 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; CPE-R 2; CPE-receptor 2; Clostridium perfringens enterotoxin receptor 2; ventral prostate.1 protein homolog; ventral prostate.1-like protein |
| 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-elisa/166612>