

## Rabbit CLDN11 Polyclonal Antibody | anti-CLDN11 antibody

CLDN11 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA168431</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

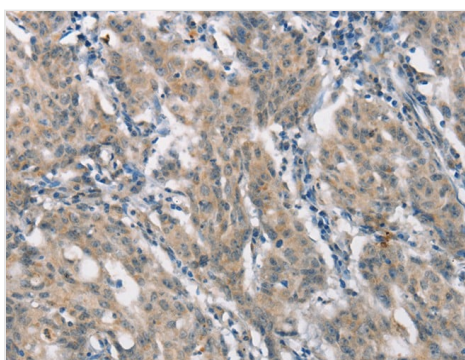
### PRODUCT SYNONYMS

CLDN11; Polyclonal Antibody; CLDN11 Polyclonal Antibody; OSP; OTM; anti-CLDN11 antibody

### PRODUCT SPECIFICATIONS

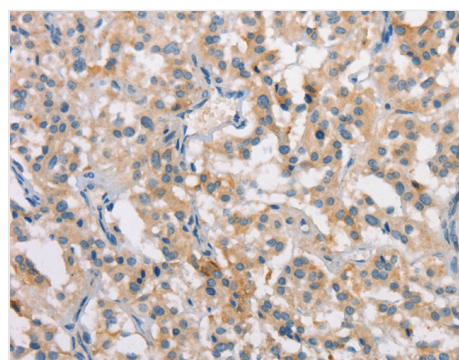
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 1.9mg/mL (varies by lot)                                                                  |
| Sequence Length                                  | 123                                                                                       |
| Applicable Applications for anti-CLDN11 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                        | Synthetic peptide of human CLDN11                                                         |
| 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 gastric cancer tissue using CLDN11 Polyclonal Antibody at dilution 1:25



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CLDN11 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CLDN11 antibody | 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. The protein encoded by this gene is a major component of central nervous system (CNS) myelin and plays an important role in regulating proliferation and migration of oligodendrocytes. Mouse studies showed that the gene deficiency results in deafness and loss of the Sertoli cell epithelial phenotype in the testis. |
| Product Categories/Family for anti-CLDN11 antibody   | Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| NCBI GI #                        | 297374750                                                                           |
| NCBI GeneID                      | 5010                                                                                |
| NCBI Accession #                 | NP_001171985.1                                                                      |
| NCBI GenBank Nucleotide #        | NM_001185056.1                                                                      |
| Molecular Weight                 | 21,993 Da                                                                           |
| NCBI Official Full Name          | claudin-11 isoform 2                                                                |
| NCBI Official Synonym Full Names | claudin 11                                                                          |
| NCBI Official Symbol             | CLDN11                                                                              |
| NCBI Official Synonym Symbols    | OSP; OTM                                                                            |
| NCBI Protein Information         | claudin-11; oligodendrocyte transmembrane protein; oligodendrocyte-specific protein |
| UniProt Protein Name             | Claudin-11                                                                          |
| UniProt Gene Name                | CLDN11                                                                              |
| UniProt Synonym Gene Names       | OSP; OTM                                                                            |
| UniProt Entry Name               | CLD11_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/cldn11-antibody-immunohistochemistry-elisa/168431>