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# CLDN12 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5874a

## Product Information

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|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | P56749 |
| **Other Accession** | Q9ET43, Q0IIL2, NP_036261.1 |
| **Reactivity** | Human |
| **Predicted** | Bovine, Mouse, Rat, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB22446 |
| **Calculated MW** | 27110 |
| **Antigen Region** | 19-46 |

## Additional Information

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| **Gene ID** | 9069 |
| **Other Names** | Claudin-12, CLDN12 |
| **Target/Specificity** | This CLDN12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-46 amino acids from the N-terminal region of human CLDN12. |
| **Dilution** | WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CLDN12 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | CLDN12 |
| **Function** | Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. |

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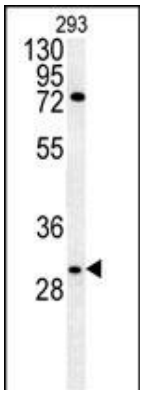
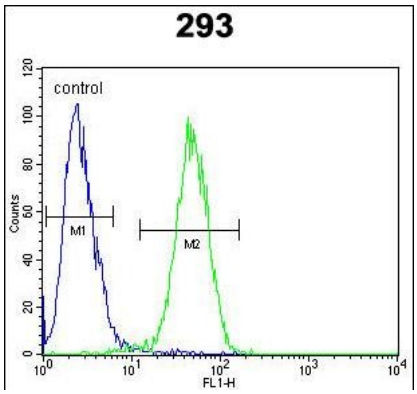
| **Cellular Location** | Cell junction, tight junction {ECO:0000250\|UniProtKB:Q9ET43}. Cell membrane; Multi-pass membrane protein |

## Images




CLDN12 Antibody (N-term) (Cat. #AP5874a) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the CLDN12 antibody detected the CLDN12 protein (arrow).




CLDN12 Antibody (N-term) (Cat. #AP5874a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.