

Claudin 2 (CLDN2) Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6309b

Specification

Claudin 2 (CLDN2) Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P57739
Other Accession	NP_065117
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	190-220

Claudin 2 (CLDN2) Antibody (C-term) - Additional Information

Gene ID 9075

Other Names

Claudin-2, SP82, CLDN2

Target/Specificity

This Claudin 2 (CLDN2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-220 amino acids from the C-terminal region of human Claudin 2 (CLDN2).

Dilution

WB~~1:1000

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

Claudin 2 (CLDN2) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Claudin 2 (CLDN2) Antibody (C-term) - Protein Information

Name CLDN2

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

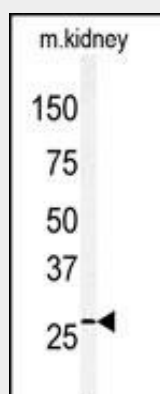
Cellular Location

Cell junction, tight junction {ECO:0000250|UniProtKB:O88552}. Cell membrane {ECO:0000250|UniProtKB:O88552}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O88552}

Claudin 2 (CLDN2) Antibody (C-term) - 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](#)

Claudin 2 (CLDN2) Antibody (C-term) - Images

Western blot analysis of anti-CLDN2 Antibody (C-term) (Cat. #AP6309b) in mouse kidney tissue lysates (35ug/lane). CLDN2 (arrow) was detected using the purified Pab.

Claudin 2 (CLDN2) Antibody (C-term) - Background

Members of the claudin protein family, such as CLDN2, are expressed in an organ-specific manner and regulate the tissue-specific physiologic properties of tight junctions.

Claudin 2 (CLDN2) Antibody (C-term) - References

Morita, K., Proc. Natl. Acad. Sci. U.S.A. 96 (2), 511-516 (1999)
Furuse, M., J. Cell Biol. 141 (7), 1539-1550 (1998)