10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# CLDN5 / Claudin 5 Antibody (aa171-220)

**Rabbit Polyclonal Antibody**

**Catalog # ALS16977**

## Specification

### CLDN5 / Claudin 5 Antibody (aa171-220) - Product Information

| | |
|---|---|
| Application | **IHC, WB** |
| Primary Accession | O00501 |
| Other Accession | 7122 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **23147** |

### CLDN5 / Claudin 5 Antibody (aa171-220) - Additional Information

**Gene ID** 7122

**Other Names**
CLDN5, BEC1, AWAL, Claudin-5, CPETRL1, TMDVCF, TMVCF, Claudin 5

**Target/Specificity**
Human CLDN5 / Claudin 5

**Reconstitution & Storage**
PBS, pH 7.2, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Precautions**
CLDN5 / Claudin 5 Antibody (aa171-220) is for research use only and not for use in diagnostic or therapeutic procedures.

### CLDN5 / Claudin 5 Antibody (aa171-220) - Protein Information

**Name** CLDN5

**Synonyms** AWAL, TMVCF

**Function**
Plays a major role in tight junction-specific obliteration of the intercellular space.

**Cellular Location**
Cell junction, tight junction. Cell membrane; Multi-pass membrane protein

**Volume**
50 µl

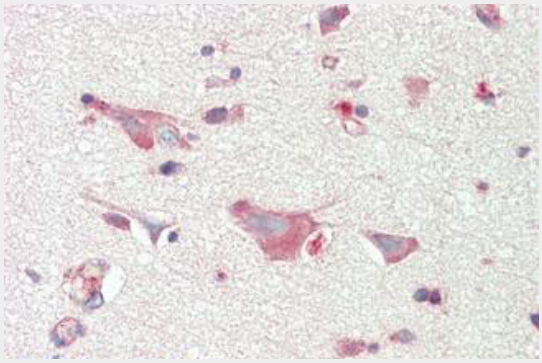
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

## CLDN5 / Claudin 5 Antibody (aa171-220) - Protocols

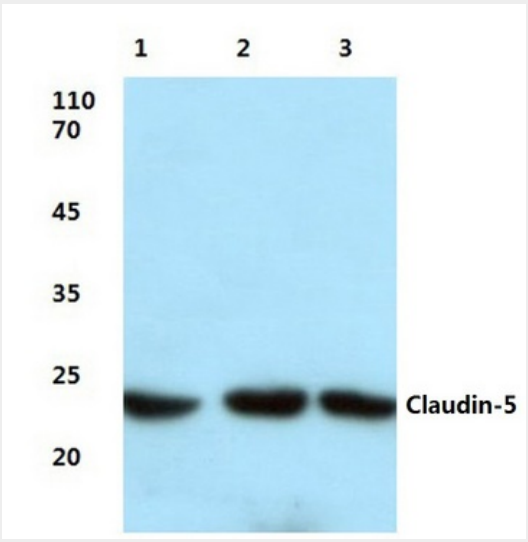
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CLDN5 / Claudin 5 Antibody (aa171-220) - Images



Anti-CLDN5 / Claudin 5 antibody IHC staining of human brain, cortex.




Western blot of Claudin 5 (S201) pAb at a 1:500 dilution.

## CLDN5 / Claudin 5 Antibody (aa171-220) - Background

Plays a major role in tight junction-specific obliteration of the intercellular space.

## CLDN5 / Claudin 5 Antibody (aa171-220) - References

Sirotkin H.,et al.Genomics 42:245-251(1997).
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Dunham I.,et al.Nature 402:489-495(1999).