

CLDN7 / Claudin 7 Antibody (aa162-211)
Rabbit Polyclonal Antibody
Catalog # ALS15037**Specification**

CLDN7 / Claudin 7 Antibody (aa162-211) - Product Information

Application	WB, IHC
Primary Accession	O95471
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

CLDN7 / Claudin 7 Antibody (aa162-211) - Additional Information**Gene ID** 1366**Other Names**

Claudin-7, CLDN-7, CLDN7, CEPTRL2, CPETRL2

Target/Specificity

Claudin 7 Antibody detects endogenous levels of total Claudin 7 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CLDN7 / Claudin 7 Antibody (aa162-211) is for research use only and not for use in diagnostic or therapeutic procedures.

CLDN7 / Claudin 7 Antibody (aa162-211) - Protein Information**Name** CLDN7**Synonyms** CEPTRL2, CPETRL2**Function**

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

Cellular Location

Cell membrane; Multi-pass membrane protein. Basolateral cell membrane. Cell junction, tight junction. Note=Co-localizes with EPCAM at the basolateral cell membrane and tight junction

Tissue Location

Expressed in kidney, lung and prostate. Isoform 1 seems to be predominant, except in some normal prostate samples, where isoform 2 is the major form. Down-regulated in breast cancers, including ductal carcinoma in situ (DCIS), lobular carcinoma in situ (LCIS) and invasive ductal carcinoma (IDC) (at protein level), as well as in several cancer cell lines. Loss of expression

correlates with histological grade, occurring predominantly in high-grade lesions

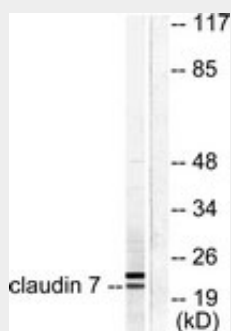
Volume

50 µl

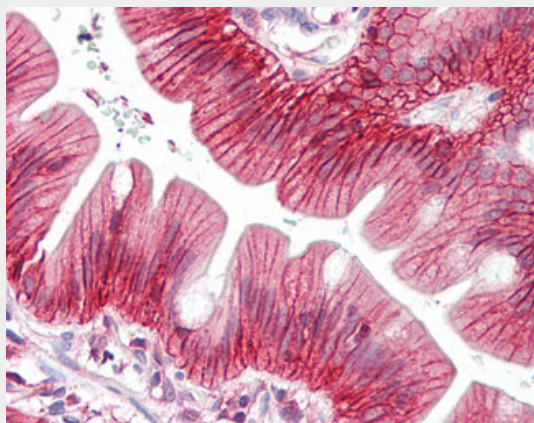
CLDN7 / Claudin 7 Antibody (aa162-211) - Protocols

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](#)

CLDN7 / Claudin 7 Antibody (aa162-211) - Images

Western blot of extracts from 293 cells, using Claudin 7 Antibody.



Anti-CLDN7 / Claudin-7 antibody IHC of human small intestine.

CLDN7 / Claudin 7 Antibody (aa162-211) - Background

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

CLDN7 / Claudin 7 Antibody (aa162-211) - References

Keen T.J.,et al.Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.