

Claudin 4 Rabbit mAb
Catalog # AP77792**Specification****Claudin 4 Rabbit mAb - Product Information**

Application	WB, IHC-P, IP
Primary Accession	O14493
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22077

Claudin 4 Rabbit mAb - Additional Information**Gene ID** 1364**Other Names**
CLDN4**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Claudin 4 Rabbit mAb - Protein Information****Name** CLDN4 {ECO:0000303|PubMed:35773259, ECO:0000312|HGNC:HGNC:2046}**Function**

Can associate with other claudins to regulate tight junction structural and functional strand dynamics (PubMed:35773259, PubMed:36008380). May coassemble with CLDN8 into tight junction strands containing anion-selective channels that convey paracellular chloride permeability in renal collecting ducts (By similarity) (PubMed:36008380). May integrate into CLDN3 strands to modulate localized tight junction barrier properties (PubMed:35773259, PubMed:36008380). May disrupt strand assembly of channel-forming CLDN2 and CLDN15 and inhibit cation conductance (PubMed:35773259, PubMed:36008380). Cannot form

tight junction strands on its own (PubMed:35773259, PubMed:36008380).

Cellular Location

Cell junction, tight junction. Cell membrane; Multi-pass membrane protein

Claudin 4 Rabbit mAb - 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 4 Rabbit mAb - Images

