

Claudin 4 Rabbit mAb

Catalog # AP77792

Product Information

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

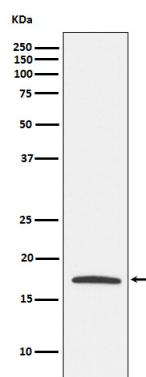
Additional Information

| | |
|-------------|-------------------------------------|
| Gene ID | 1364 |
| Other Names | CLDN4 |
| Dilution | WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A |
| Format | Liquid |

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 |

Images



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