

# Claudin 4 Rabbit mAb

Catalog # AP77792

## Product Information

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Application	WB, IHC-P, IP
Primary Accession	<a href="#">O14493</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22077

## Additional Information

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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.

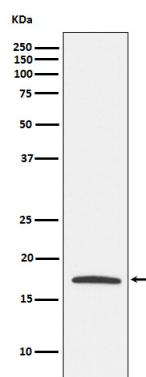
## Protein Information

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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: <a href="#">35773259</a> , PubMed: <a href="#">36008380</a> ). May coassemble with CLDN8 into tight junction strands containing anion-selective channels that convey paracellular chloride permeability in renal collecting ducts (By similarity) (PubMed: <a href="#">36008380</a> ). May integrate into CLDN3 strands to modulate localized tight junction barrier properties (PubMed: <a href="#">35773259</a> , PubMed: <a href="#">36008380</a> ). May disrupt strand assembly of channel-forming CLDN2 and CLDN15 and inhibit cation conductance (PubMed: <a href="#">35773259</a> , PubMed: <a href="#">36008380</a> ). Cannot form tight junction strands on its own (PubMed: <a href="#">35773259</a> , PubMed: <a href="#">36008380</a> ).
Cellular Location	Cell junction, tight junction. Cell membrane; Multi-pass membrane protein

## Images

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