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Anti-CLDN4 / Claudin 4 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17803

Product Information

Application	IHC-P
Primary Accession	O14493
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	22077

Additional Information

Gene ID	1364
Alias Symbol	CLDN4
Other Names	CLDN4, Claudin-4, CPE-receptor, CPETR, CPETR1, Claudin 4, CPE-R, HCPE-R, WBSCR8, CPER
Target/Specificity	c-terminal
Reconstitution & Storage	Affinity purified
Precautions	Anti-CLDN4 / Claudin 4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.