

Anti-Claudin-10 antibody



Description	Rabbit polyclonal to Claudin-10.
Model	STJ92309
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Claudin-10
Immunogen Region	150-230 aa, C-terminal
Gene ID	9071
Gene Symbol	CLDN10
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Claudin-10 Polyclonal Antibody detects endogenous levels of Claudin-10 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Claudin-10 Oligodendrocyte-specific protein-like OSP-like
Molecular Weight	25 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2033OMIM:617579
Alternative Names	Claudin-10 Oligodendrocyte-specific protein-like OSP-like
Function	Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. May form permselective paracellular pores; isoform 1 appears to create pores preferentially permeable to cations and isoform 2 for anions. Plays a key role in controlling cation selectivity and transport in the thick ascending limb (TAL) of Henle's loop in kidney.
Sequence and Domain Family	The fourth transmembrane region (161-181) is necessary for integration into tight junctions.
Cellular Localization	Cell junction, tight junction Cell membrane

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