

Product datasheet for **TA334200**

Claudin 1 (CLDN1) Rabbit Polyclonal Antibody

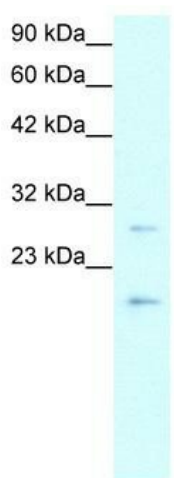
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CLDN1 antibody: synthetic peptide directed towards the C terminal of human CLDN1. Synthetic peptide located within the following region: GQALFTGWAAASLCLLGALLCCSPRKTTSYTPRPYPKPAPSSGKDYV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	claudin 1
Database Link:	NP_066924 Entrez Gene 9076 Human O95832

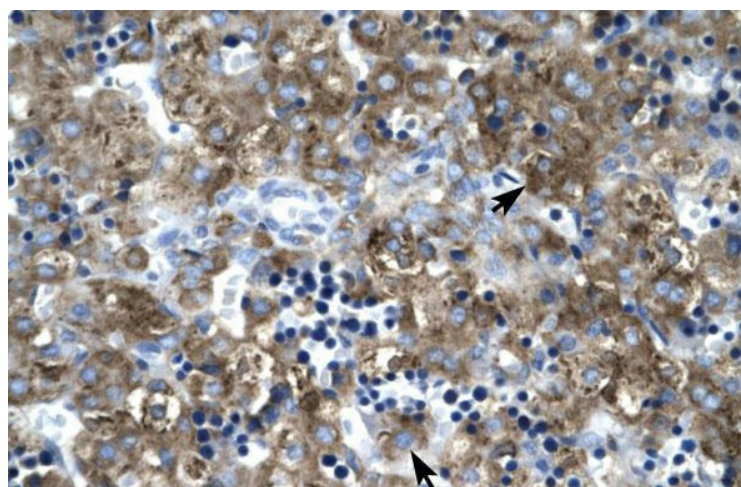


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Background:	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This protein, a member of the claudin family, is an integral membrane protein and a component of tight junction strands.
Synonyms:	CLD1; ILVASC; SEMP1
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Guinea pig: 100%; Rat: 93%; Mouse: 93%; Rabbit: 93%
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Tight junction

Product images:

WB Suggested Anti-CLDN1 Antibody Titration:
0.2-1 ug/ml; Positive Control: HepG2 cell lysate



Human Liver