

Product datasheet for **TA347351**

Claudin 1 (CLDN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:3000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Claudin 1 Antibody: A synthesized peptide derived from human Claudin 1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	claudin 1
Database Link:	NP_066924 Entrez Gene 12737 Mouse Entrez Gene 65129 Rat Entrez Gene 9076 Human O95832
Background:	claudin 1 Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium- independent cell-adhesion activity. Acts as a co- receptor for HCV entry into hepatic cells. Belongs to the claudin family. Can form homo- and heteropolymers with other CLDN. Homopolymers interact with CLDN3, but not CLDN2, homopolymers. Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3. Interacts with MPDZ and INADL. May interact with HCV E1 and E2 proteins.
Synonyms:	CLD1; ILVASC; SEMP1



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Note: Claudin 1 antibody detects endogenous levels of total Claudin 1

Protein Families: Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Tight junction

Product images:

