

**AP08878PU-N****Polyclonal Antibody to Claudin-1 / CLDN1 (C-term) - Aff - Purified**

<b>Alternate names:</b>	CLD1, PRO944, SEMP1, Senescence-associated epithelial membrane protein, UNQ481
<b>Quantity:</b>	0.125 ml
<b>Concentration:</b>	0.2 mg/ml
<b>Background:</b>	Claudin 1-8 proteins are a family of transmembrane proteins associated with tight junctions. Tight junctions are specialized regions of cell to cell contact; made up of networking strands to act as a molecular gasket for preventing the leakage of ions, water etc. between cells. They are abundant in luminal epithelial sheets where they maintain epithelial cell polarity. Different tissues exhibit different Claudin composition.
<b>Uniprot ID:</b>	<a href="#">O95832</a>
<b>NCBI:</b>	<a href="#">NP_066924.1</a>
<b>GeneID:</b>	<a href="#">9076</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	A synthetic peptide derived from the C-terminus of human Claudin 1
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> 10 mM PBS, pH 7.6, 0.2% BSA, 15 mM sodium azide - for long term storage add 40-50% glycerol
<b>Applications:</b>	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to Claudin 1 (CLDN1).
<b>Species Reactivity:</b>	<b>Tested:</b> Human. <b>Expected from sequence similarity:</b> Canine, Monkey, Mouse, Rat.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

