

DP153-05**Polyclonal Antibody to Claudin-1 / CLDN1 - Purified**

Alternate names:	CLD1, PRO944, SEMP1, Senescence-associated epithelial membrane protein, UNQ481
Quantity:	0.5 ml
Background:	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 network of 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.
Uniprot ID:	O95832
NCBI:	NP_066924.1
GenElD:	9076
Host:	Rabbit
Immunogen:	Synthetic peptide corresponding to C-terminal of Human Claudin 1
Format:	State: Liquid purified Ig fraction Preservatives: 0.05% Sodium Azide
Applications:	Immunohistochemistry on Paraffin Sections: Dilute to a titer of 1/100-1/200 in an ABC method (incubation period of 30 minutes at room temperature). Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. <i>Recommended Positive Control:</i> breast carcinoma, skin. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes Claudin 1. Cellular localization: Cytoplasmic, cell membrane. Species: Human, Rat, Mouse, Dog and Monkey. Other species not tested.
Storage:	Store 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:

Formalin fixed paraffin embedded human skin stained with Claudin 1 antibody DP153 / DP153-05

