

AP08766PU-N**Polyclonal Antibody to Claudin-4 / CLDN4 (C-term) - Aff - Purified****Alternate names:**

CPE-R, CPE-Receptor, CPER, CPETR1, Clostridium perfringens enterotoxin receptor, WBSCR8, Williams-Beuren syndrome chromosomal region 8 protein

Quantity:

50 µl

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:

[O14493](#)

NCBI:

[NP_001296.1](#)

GeneID:

[1364](#)

Host / Isotype:

Rabbit / IgG

Immunogen:

A synthetic peptide derived from the C-terminus of Human Claudin 4.

Format:

State: Liquid purified Ig fraction.

Purification: Immunoaffinity Chromatography.

Buffer System: 10mM PBS, pH 7.6 containing 15mM Sodium Azide as preservative and 0.2% BSA, 40% Glycerol.

Applications:

Immunohistochemistry on Paraffin Sections: 1/50.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Recognizes Claudin-4 (CLDN4).

Species Reactivity:

Tested: Human.

Expected from sequence similarity: Mouse.

Storage:

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:

Prostate: Formalin-Fixed Paraffin-Embedded (FFPE)

