

AP42227PU-N**Polyclonal Antibody to Claudin-17 / CLDN17 - Aff - Purified****Alternate names:**

PRO1489, UNQ758

Quantity:

0.1 mg

Background:

CLDN17, clustered with CLDN8 at human chromosome 21q22.11, is a four-transmembrane protein with WWCC motif, defined by W-X(17-22)-W-X(2)-C-X(8-10)-C. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Uniprot ID:[P56750](#)**NCBI:**[NP_036263](#)**GeneID:**[26285](#)**Host:**

Rabbit

Immunogen:

The immunogen for anti-CLDN17 antibody: synthetic peptide directed towards the middle region of human CLDN17

AA Sequence:

KQVQCTGSNERAKAYLLGTSGVLFILTGIFVLIPVSWTANIIIRDFYNPA

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using Protein A affinity column

Applications:

Western blotting (1 - 4 µg/ml)

Immunohistochemistry on paraffin embedded sections (4 - 8 µg/ml)

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

Species Reactivity:

Tested: Human

Expected from sequence similarity: Mouse, Rat, Dog, Pig, Bovine

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.

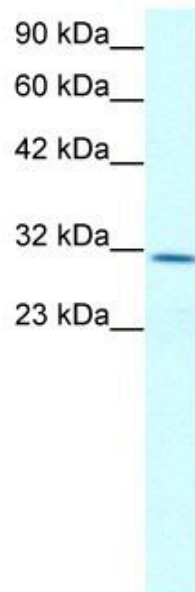
Shelf life: one year from despatch.

General Readings:

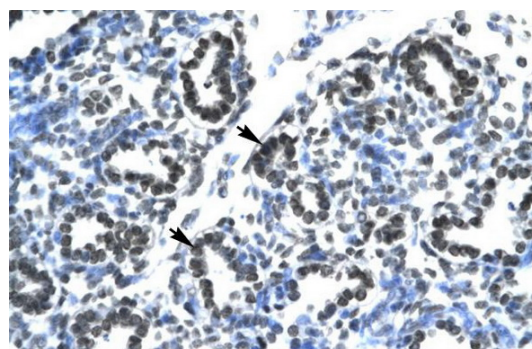
Katoh, M. and Katoh, M. (2003) Int. J. Mol. Med. 11 (6), 683-689

Pictures:

WB Suggested Anti-CLDN17 Antibody
Titration: 2.0 ug/ml; Positive Control:
Jurkat cell lysate



Human Lung



Human Spleen

