

For Research Use Only

# Cadherin-17 Polyclonal antibody

Catalog Number: 24339-1-AP **5 Publications**



## Basic Information

**Catalog Number:**

24339-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19488

**GenBank Accession Number:**

BC113464

**GeneID (NCBI):**

1015

**UNIPROT ID:**

Q12864

**Full Name:**

cadherin 17, LI cadherin (liver-intestine)

**Calculated MW:**

832 aa, 92 kDa

**Observed MW:**

100-125 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

IF, IHC, IP, WB

**Species Specificity:**

human, mouse

**Cited Species:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** mouse small intestine tissue, mouse colon tissue

**IHC:** human colon tissue, human stomach cancer tissue, mouse colon tissue

## Background Information

Cadherin-17, also known as LI-cadherin, is a member of the cadherin superfamily. Cadherins are transmembrane proteins that mediate cell-cell adhesion, play important roles during embryogenesis, and are crucial for tissue morphogenesis and maintenance. Cadherin-17 is a component of the gastrointestinal tract and pancreatic ducts and is involved in intestinal peptide transport. It may also play a role in the morphological organization of liver and intestine.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanmei Zhang	32579167	Jpn J Clin Oncol	IHC
Norihiro Kotani	36152751	J Biol Chem	WB
Ethan V Abel	30074477	Elife	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

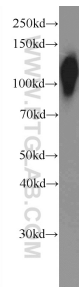
T: 4006900926

E: Proteintech-CN@ptglab.com

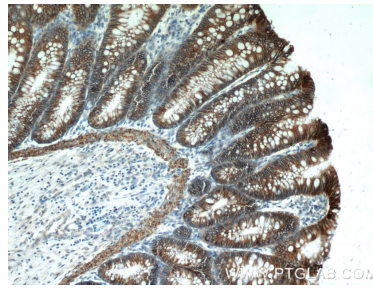
W: ptgcn.com

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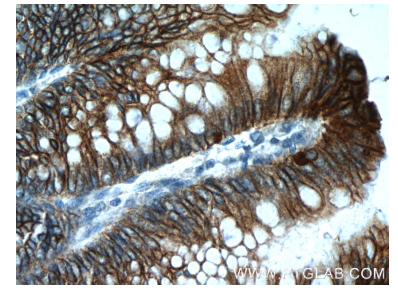
## Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 24339-1-AP (Cadherin-17 antibody at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 24339-1-AP (Cadherin-17 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 24339-1-AP (Cadherin-17 antibody at dilution of 1:200 (under 40x lens).