

# LI Cadherin/Cadherin-17 Rabbit mAb

Catalog No.: A5286 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

120kDa

### Calculated MW

92kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1989

## Background

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

<b>WB</b>	1:1000 - 1:2000
<b>IHC-P</b>	1:200 - 1:2000
<b>IF/ICC</b>	1:100 - 1:1000
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

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	www.abclonal.com.cn

## Immunogen Information

### Gene ID

1015

### Swiss Prot

Q12864

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LI Cadherin/Cadherin-17 (Q12864).

### Synonyms

HPT1; CDH16; HPT-1; LI Cadherin/Cadherin-17

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

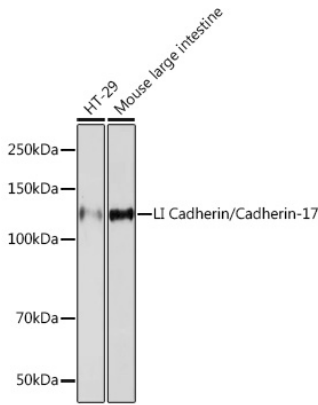
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at 1:1000 dilution.

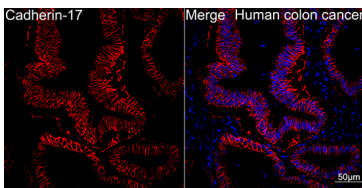
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

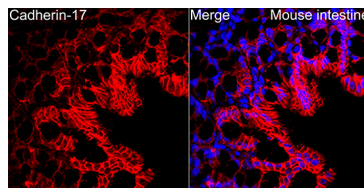
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

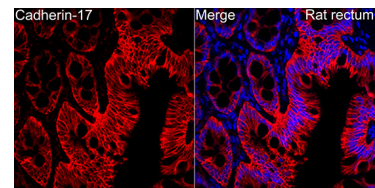
Exposure time: 90s.



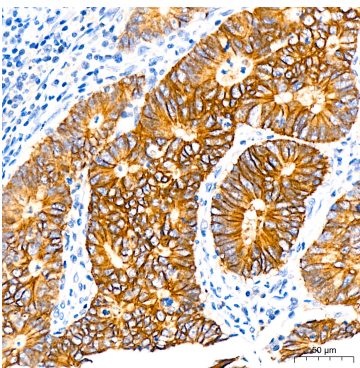
Confocal imaging of Human colon cancer using LI Cadherin/Cadherin-17 Rabbit mAb (A5286, dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 40x.



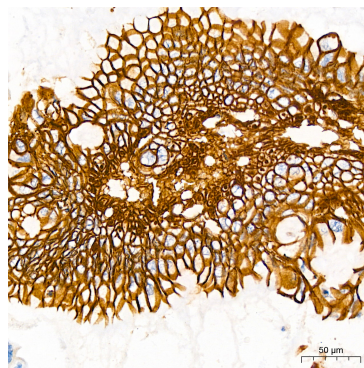
Immunofluorescence analysis of paraffin-embedded mouse Intestine using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



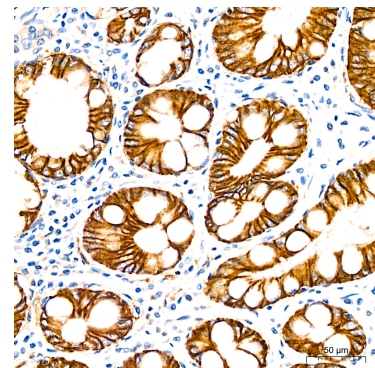
Immunofluorescence analysis of paraffin-embedded rat rectum using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreatic ductal carcinoma using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.