

LI Cadherin/Cadherin-17 Rabbit mAb

Catalog No.: A5286

Recombinant

1 Publications

Basic Information

Observed MW

120kDa

Calculated MW

92kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

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

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

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

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

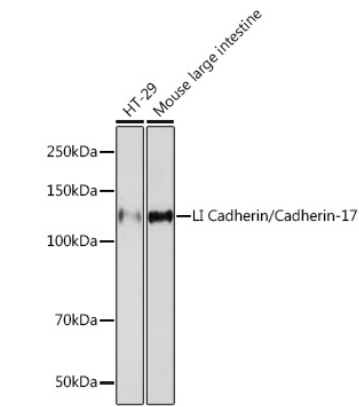
Affinity purification

Storage

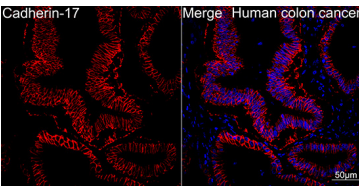
Store at -20°C. Avoid freeze / thaw cycles.

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

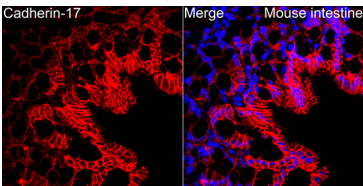
Validation Data



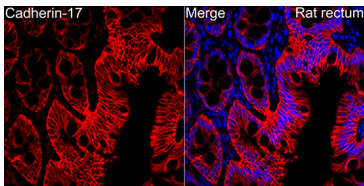
Western blot analysis of various lysates using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



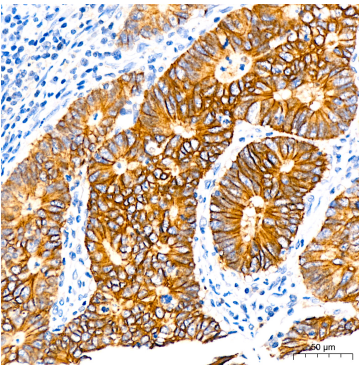
Confocal imaging of Human colon cancer using LI Cadherin/Cadherin-17 Rabbit mAb (A5286,dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 40x.



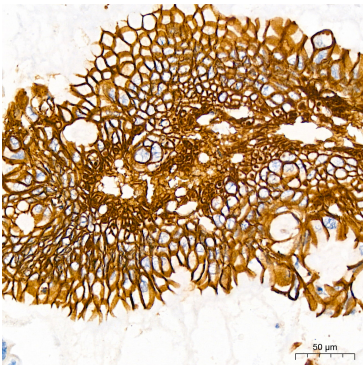
Immunofluorescence analysis of paraffin-embedded mouse Intestine using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



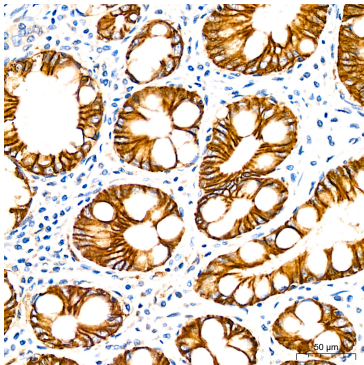
Immunofluorescence analysis of paraffin-embedded rat rectum using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of LI Cadherin/Cadherin-17 in paraffin-embedded human gastric cancer using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of LI Cadherin/Cadherin-17 in paraffin-embedded Human pancreatic ductal carcinoma using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of LI Cadherin/Cadherin-17 in paraffin-embedded human stomach using LI Cadherin/Cadherin-17 Rabbit mAb (A5286) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.