

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:

WB, IP, IF, IHC

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

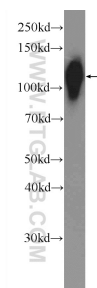
For technical support and original validation data for this product please contact:

T: 4006900926

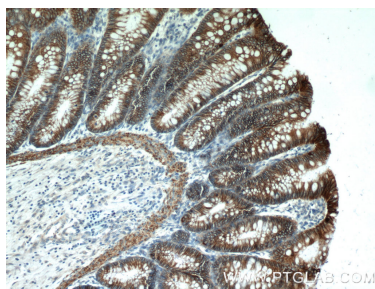
E: Proteintech-CN@ptglab.comW: ptgcn.com

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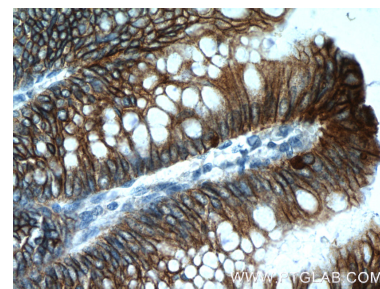
Selected Validation Data



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).