Cadherin-17
Polyclonal ANTIBODY
Catalog Number: 24339-1-AP

Basic Information
Catalog Number: 24339-1-AP
Size: 61 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG19488
GeneBank Accession Number: BC113464
GenID (NCBI): 1015
Full Name: cadherin 17, LI cadherin (liver-intestine)
Calculated MW: 832aa, 92 kDa
Observed MW: 100-125 kDa
Recommended Dilutions: WB 1:1000-1:4000, IHC 1:20-1:200

Applications
Tested Applications: IHC, WB, ELISA
Cited Applications: WB
Species Specificity: human, mouse
Cited Species: human

Positive Controls:
WB: mouse small intestine tissue; mouse colon tissue
IHC: human colon tissue; human stomach cancer 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, plays important roles during embryogenesis, and is 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: Ethan V. Abel
Pubmed ID: 30074477
Journal: Elife
Application: WB

Storage
Storage: Store at -20ºC. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20ºC storage

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

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

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