SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-CDH17 / LI Cadherin antibody

**Catalog Number: SL1617R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

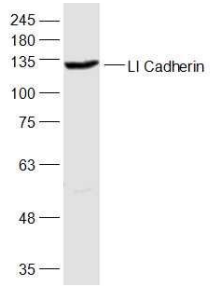
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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | CDH17 / LI Cadherin |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human LI-cadherin: 101-200/832 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB=1:500-2000<br>IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human,Rat(predicted:Mouse) |
| **Predicted MW.:** | 90kDa |
| **Subcellular Location:** | The cell membrane |
| **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. [provided by RefSeq, Jan 2009]<br>**Function:** Cadherins are calcium-dependent cell adhesion proteins. They |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

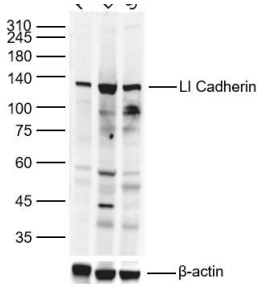
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|---|---|
| | preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. LI-cadherin may have a role in the morphological organization of liver and intestine. Involved in intestinal peptide transport.<br>**Subcellular Location:** Cell membrane; Single-pass type I membrane protein (Potential).<br>**Tissue Specificity:** Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin.<br>**Similarity:** Contains 7 cadherin domains.<br>**Database links:**<br>**Entrez Gene:** 1015 Human<br>Omim: 603017 Human<br>**SwissProt:** Q12864 Human<br>**Unigene:** 591853 Human<br>LI-cadherin is a special member of the cadherin superfamily; it differs structurally from classical type I cadherins and is therefore classified as a variant of classical cadherins， Mainly used for research on digestive tract Tumours. |

## [ VALIDATION IMAGES ]




Sample:
SW480(Human) Cell Lysate at 30 ug
Primary: Anti-LI Cadherin (SL1617R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 90 kD
Observed band size: 130 kD




Sample:
Lane 1: Human FHC cell Lysates
Lane 2: Human LOVO cell Lysates
Lane 3: Human SW480 cell Lysates
Primary: Anti-LI Cadherin(SL1617R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 90kDa
Observed band size: 130kDa

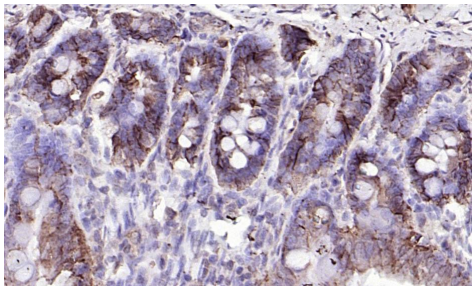
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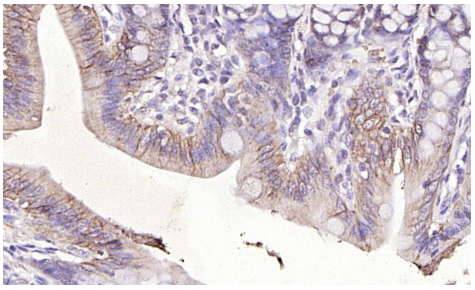
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Paraformaldehyde-fixed, paraffin embedded (rat small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LI Cadherin) Polyclonal Antibody, Unconjugated (SL1617R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LI Cadherin) Polyclonal Antibody, Unconjugated (SL1617R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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