Best Tools for immunology Research

# CDH17 Polyclonal Antibody

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| **Catalog No :** | YT6143 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB;ELISA |
| **Target :** | CDH17 |
| **Fields :** | >>Gastric cancer |
| **Gene Name :** | CDH17 |
| **Protein Name :** | Cadherin-17 (Intestinal peptide-associated transporter HPT-1) (Liver-intestine cadherin) (LI-cadherin) |
| **Human Gene Id :** | 1015 |
| **Human Swiss Prot No :** | Q12864 |
| **Mouse Gene Id :** | 12557 |
| **Mouse Swiss Prot No :** | Q9R100 |
| **Rat Gene Id :** | 117048 |
| **Rat Swiss Prot No :** | P55281 |
| **Immunogen :** | Synthesized peptide derived from human CDH17 Polyclonal |
| **Specificity :** | This antibody detects endogenous levels of CDH17. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500-2000, ELISA 1:10000-20000 |

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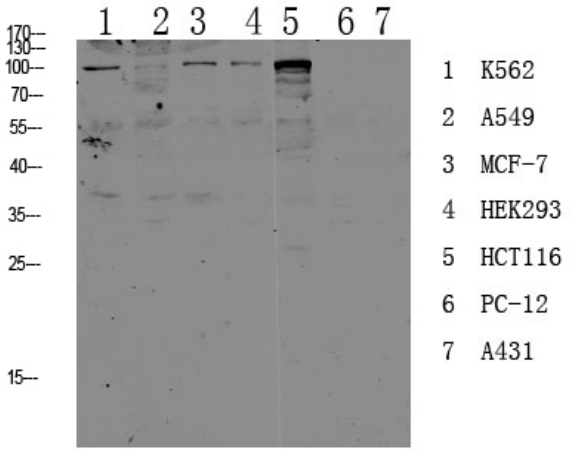
| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Observed Band :** | 99kD |
| **Background :** | 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], |
| **Function :** | function:Cadherins are calcium dependent cell adhesion proteins. They 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.,similarity:Contains 7 cadherin domains.,tissue specificity:Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin., |
| **Subcellular Location :** | Cell membrane ; Single-pass type I membrane protein . |
| **Expression :** | Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin. |
| **Tag :** | hot |
| **Sort :** | 3773 |
| **No4 :** | 1 |
| **Host :** | Rabbit |
| **Modifications :** | Unmodified |

## Products Images




Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000