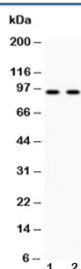


## Cadherin 17 Antibody (R31323)

Catalog No.	Formulation	Size
R31323	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q12864
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This Cadherin 17 antibody is available for research use only.



Western blot testing of Cadherin 17 antibody and 1) human HeLa and 2) human SW620 cell lysate. Predicted molecular weight ~92 kDa but may be observed at higher molecular weights due to glycosylation.

## Description

Cadherin 17, also known as HPT1 or CDH16 is a protein that in humans is encoded by the CDH17 gene. By somatic cell hybrid analysis and fluorescence in situ hybridization, CDH17 gene is mapped to 8q22.1. 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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Cadherin 17 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 686-699 (LIFEATDDDQHLFR-human) were used as the immunogen for this Cadherin 17 antibody.

## Storage

After reconstitution, the Cadherin 17 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.