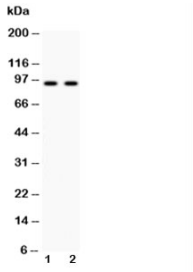
Cadherin 17 Antibody (R31323)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q12864
Applications	Western Blot : 0.5-1ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.