

Product datasheet for **AM31737PU-N**

LI Cadherin (CDH17) Mouse Monoclonal Antibody [Clone ID: 3H2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3H2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CDH17 antibody was raised against CDH17 (NP_004054, 24 a.a. ~ 132 a.a) partial recombinant protein with GST tag.
Specificity:	Recognizes Cadherin-17
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C or -80°C. Avoid freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Gene Name:	cadherin 17
Database Link:	Entrez Gene 1015 Human Q12864



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Background:

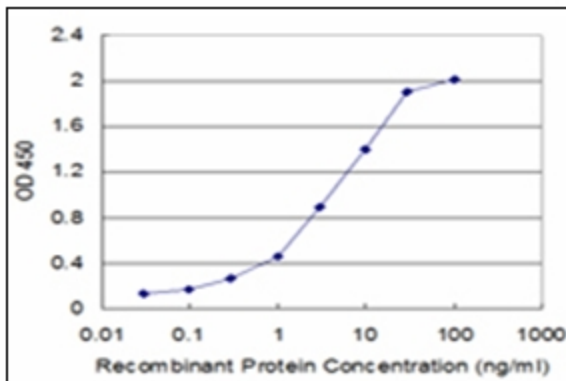
The cadherins are a family of Ca⁺⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including catenin beta, to regulate cadherin function. LI-cadherin (for liver-intestine-cadherin) expression is restricted to liver and intestine tissues and is specifically localized to the basolateral domain of hepatocytes and enterocytes.

Synonyms:

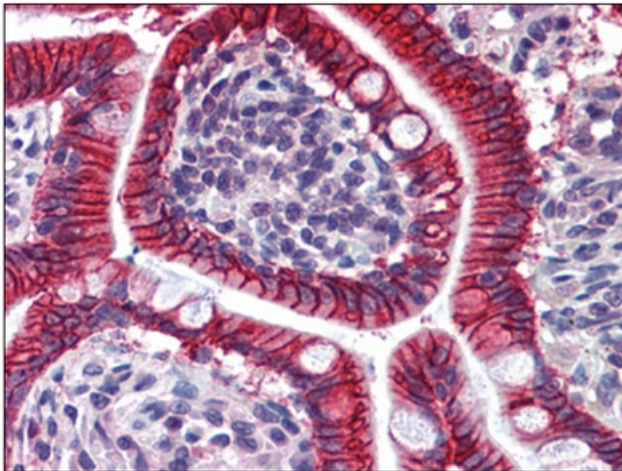
HPT-1, HPT1, CDH17

Protein Families:

Transmembrane

Product images:


Detection limit for recombinant GST tagged CDH17 is approximately 0.03ng/ml as a capture antibody.



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)